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STONEY-MILLER CONSULTANTS, INC.
GEOTECHNICAL ENGINEERING & ENGINEERING GEOLOGY

AR3018

November 16, 1988

Coca-Cola Enterprises
1334 South Central Avenue
Los Angeles, California

Project No: 10221-00
Report No: 8-0417

Attn: Mr. Raul Ramirez

Subject: Interim Report of findings of an ongoing Environmental Assessment of the South Bay Warehouse Facility, Pacific Gateway Drive, Torrance, California.

Gentlemen:

1.0 INTRODUCTION

As you are aware Stoney-Miller Consultants, Inc. (SMC) has recently been retained to evaluate the environmental aspects of the subject property. Most recently we have conducted a limited investigation to evaluate and determine the extent of relatively near surface hydrocarbon contamination near the northwest corner of the site. This Interim Report has been prepared to summarize the following information. Included in this interim report are a explanation and presentations of:

- o The sequence of events that caused SMC to discover the subsurface hydrocarbon contamination, i.e. background;
- o A generalized description of the methods utilized to investigate the limits of hydrocarbon contamination;
- o A generalized description of the laboratory analyses utilized during the investigation;
- o A summary of the findings of the investigation; and
- o A presentation of conclusions and recommendations to Coca Cola Enterprises.

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To protect Coca-Cola's interest in the transaction of purchasing the subject site, we recommend that a full scale investigation be conducted and a report prepared which is suitable for submittal to government regulatory agencies. This investigation and report should be sufficient in scope to provide Coca-Cola with an adequate understanding of the financial ramifications of purchasing a site that is known to have subsurface contamination. This Interim Report should only be considered as a means of conveying the general findings of the investigation of the subsurface hydrocarbon contamination found, to Coca Cola, a party that is not currently the owner of the site but, is interested in understanding the environmental liability that could be inherited by the purchase of the site.

2.0 BACKGROUND, AND INVESTIGATIVE PROCEDURES

SMC was originally retained by Coca-Cola to conduct an investigation which was generally to consist of: an evaluation of the geotechnical (structural) aspects of the site; and an environmental assessment of site and vicinity. The geotechnical investigation was to include drilling and sampling, i.e. physically examining representative soils underlying the site. The environmental assessment was intended to include a nonphysical evaluation, i.e. records research of the environmental aspects of the site. This type of assessment has in recent years become a routine aspect of

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the purchase of commercial property. The exception to this separation of tasks was that a member of our environmental staff was to review the results of the geotechnical drilling and sampling program as part of the environmental assessment. Environmental problems other than the one discussed in this report found to be associated with the site vicinity, for example, there are numerous EPA Superfund Sites located within a few miles of the site. These problems are not presented in this Interim Report, see letter from SMC to Coca-Cola dated October 26, 1988.

During drilling and sampling activities, SMC's field geologist noted a suspicious odor associated with soil samples collected near the northwest corner of the site. This information was reported to our environmental staff and following authorization from Coca-Cola, laboratory analyses of a selected soil sample was conducted. The laboratory chemical staff began their evaluation of the sample by physical examination. The results of the physical examination were that the soil was likely contaminated with a relatively heavy hydrocarbon chemical mixture. The laboratory chemists recommended to SMC that to begin the analyses, an Environmental Protection Agency (EPA) standard analysis Method 418.1 should be performed on the sample.

Results of the 418.1 analyses indicated that 650 mg/kg of Total Petroleum Hydrocarbons were contained in the soil

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sample. Subsequently, the chemists recommended that an EPA method 8270 be conducted on the soil sample. Results of the 8270 analyses revealed that relatively low concentrations of semi-volatile hydrocarbons were contained in the sample. These results are included as Appendix A of this Interim Report.

Results of the laboratory analyses were reported verbally to Coca-Cola and additional drilling, soil sampling, and laboratory analyses were authorized. The purpose of this second phase of the investigation was to determine with a limited amount of drilling and sampling, if the hydrocarbons found are an isolated case or a more extensive problem. Results of the second phase of the investigation indicated the possibility that the hydrocarbon contamination could be relatively extensive. A decision was made by SMC and Coca-Cola to conduct laboratory analyses on selected soil samples and review the results prior to continuing with any additional drilling and soil sampling.

Results of drilling and sampling observations and correlation with laboratory results were that when physical observations such as color, texture, and odor indicated that the soil was contaminated, laboratory results verified these observations. Likewise, when physical observations indicated that soils were clean, laboratory analyses verified these observations. Based on this discovery, SMC was authorized by Coca-Cola to

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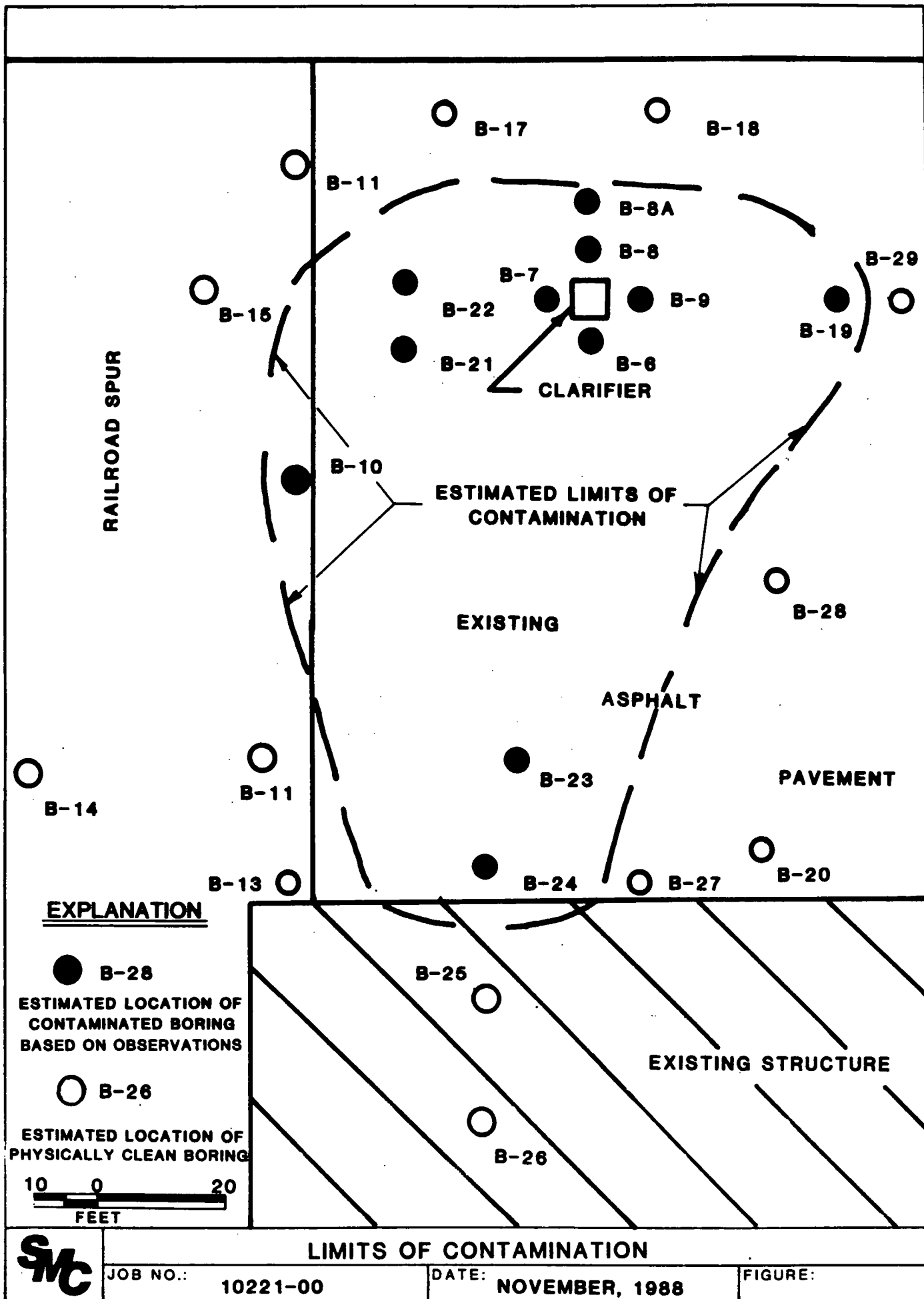
Page 5

conduct additional drilling and sampling and by physical observation, determine the extent of the hydrocarbon contamination. Thus, a phase three drilling and sampling program was conducted. Soil samples were to be collected and preserved in case laboratory analyses became necessary in the future. To date no laboratory analyses have been conducted on soil samples collected during the phase three drilling and sampling program. The samples are currently refrigerated at the SMC facility. SMC has recently been authorized by Coca-Cola to select five representative soil samples from the phase three drilling program for analyses to confirm the physical observations made. Laboratory analyses of these selected soil samples should be completed within ten days.

3.0 SUMMARY OF FINDINGS AND CONCLUSIONS

General findings of the phase 1, 2, and 3 investigation are as follows.

- o The vertical and horizontal limits of the hydrocarbon contamination have been established based on physical observations. The horizontal limits of the contamination are shown relative to surrounding structures on Figure 1, a sketch of the site. The maximum depth that contamination was found was approximately 10 feet and the average depth is between 3 and 5 feet.
- o Based on the horizontal and vertical limits of the contamination, the volume of contaminated soil appears to be between 750 and 1,000 cubic yards. This is only an estimate; conditions found during the future removal of this soil could change outside of the borings excavated, thus, this volume could vary.



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4.0 RECOMMENDATIONS

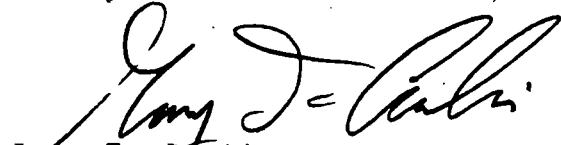
- o Prior to the purchase of the subject site, Coca-Cola should be satisfied that the contaminated soil at the site has been thoroughly removed and properly documented or that a suitable arrangement is made between the current owner and Coca-Cola that recognizes that clean up costs are likely to be incurred as a result of the finding of this contaminated soil. A general industry "rule of thumb cost" for the removal and legal disposal of hydrocarbon contaminated soil is between \$250.00 and \$300.00 per cubic yard.
- o The finding of hydrocarbon contaminated soil at this site should be reported to pertinent government regulatory agencies by the owner. And a remediation plan should be proposed and implemented.

5.0 LIMITATIONS OF INVESTIGATION

This Interim Report was prepared using a degree of care and skill ordinarily exercised, under similar circumstances, by reputable Soil Engineers, Geologists, and Environmental Scientists practicing in this or similar localities. No other warranty, expressed or implied is made as to the conclusions and professional advice included in this Plan. This Report was prepared for the use of Coca-Cola Enterprises and is intended for use as a means of final documentation of the contaminated soil discussed herein.

If you have any questions regarding this matter, please call.

Very Truly Yours
Stoney-Miller Consultants, Inc.


Gary T. Carlin
Consulting Environmental Geologist

Attachments: Figure 1 - Site Sketch

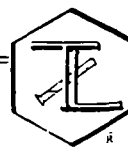
301 00225

APPENDIX
LABROATORY RESULTS

301 00226

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUE LABS

CLIENT **Stoney-Miller Consultants**
14 Hughes, Suite B-101
Irvine, California 92718
Attention: Gary Carlin

SAMPLE Soils B-3 - 1' from Coca Cola, Torrance

DATE October 17, 1988
RECEIVED October 5, 1988
LABORATORY NO. 31002

INVESTIGATION
As Requested

RESULTS

<u>Parameter</u>	<u>Milligrams per Kilogram</u>
Total Petroleum Hydrocarbons (418.1)	858
Polychlorinated Biphenyls (8080):	
PCB - 1016	ND <0.1
PCB - 1221	ND <0.1
PCB - 1232	ND <0.1
PCB - 1242	ND <0.1
PCB - 1248	ND <0.1
PCB - 1254	ND <0.1
PCB - 1260	ND <0.1

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Julia Mayberg
Julia Mayberg, Manager
Inorganic Chemistry

301 00227

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of, apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT **Stoney-Miller Consultants**
14 Hughes, Suite B-101
Irvine, California 92718
Attention: Gary Carlin

SAMPLE Soils B-3 - 1' from Coca Cola, Torrance

DATE October 17, 1988
RECEIVED October 5, 1988
LABORATORY NO. 31002

INVESTIGATION As Requested

RESULTS

<u>Parameter</u>	<u>Milligrams per Kilogram</u>
Total Petroleum Hydrocarbons (418.1)	858
Polychlorinated Biphenyls (8080):	
PCB - 1016	ND <0.1
PCB - 1221	ND <0.1
PCB - 1232	ND <0.1
PCB - 1242	ND <0.1
PCB - 1248	ND <0.1
PCB - 1254	ND <0.1
PCB - 1260	ND <0.1

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

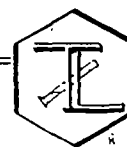
Julia Wayberg

Julia Wayberg, Manager
Inorganic Chemistry

301 00228

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUE LABS

CLIENT **Stoney-Miller Consultants, Inc.**

DATE **October 17, 1988**

RECEIVED **October 5, 1988**

SAMPLE

LABORATORY NO. **31002**

Soil: B-3-1'

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Phenol	660 ug/kg	ND
bis(2-Chloroethyl) ether	660 ug/kg	ND
2-Chlorophenol	660 ug/kg	ND
1,3-Dichlorobenzene	660 ug/kg	ND
1,4-Dichlorobenzene	660 ug/kg	ND
Benzyl Alcohol	1300 ug/kg	ND
1,2-Dichlorobenzene	660 ug/kg	ND
2-Methylphenol	660 ug/kg	ND
bis(2-Chloroisopropyl) ether	660 ug/kg	ND
4-Methylphenol	660 ug/kg	ND
N-Nitroso-Di-N-propylamine	660 ug/kg	ND
Hexachloroethane	660 ug/kg	ND
Nitrobenzene	660 ug/kg	ND
Isophorone	660 ug/kg	ND
2-Nitrophenol	660 ug/kg	ND
2,4-Dimethylphenol	660 ug/kg	ND
Benzoic Acid	3300 ug/kg	ND
bis(2-Chloroethoxy)methane	660 ug/kg	ND
2,4-Dichlorophenol	660 ug/kg	ND
1,2,4-Trichlorobenzene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

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TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31002

CLIENT: Stoney-Miller

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Naphthalene	660 ug/kg	9,400
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	ND
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	ND
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	ND
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	7,700
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	ND
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

301 00230

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31002
CLIENT: Stoney-Miller

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u> ***	<u>Concentration (ug/kg)**</u>
Chrysene	660 ug/kg	ND
Di-n-octyl phthalate	660 ug/kg	ND
Benzo(b)fluoranthene	660 ug/kg	ND
Benzo(k)fluoranthene	660 ug/kg	ND
Benzo(a)pyrene	660 ug/kg	ND
Indeno(1,2,3-cd)pyrene	660 ug/kg	ND
Dibenz(a,h)anthracene	660 ug/kg	ND
Benzo(g,h,i)perylene	660 ug/kg	ND

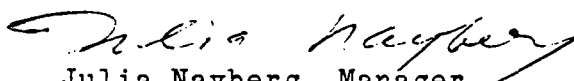
* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

*** The detection limits were multiplied by 100X.

Respectfully submitted,

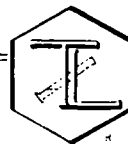
TRUESDAIL LABORATORIES, INC.


Julia Nayberg, Manager
Inorganic Chemistry

301 00231

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT **Stoney-Miller Consultants, Inc.**
14 Hughes, Suite B101
Irvine, CA 92718
Attention: Gary Carlin

DATE October 25, 1988

RECEIVED October 17, 1988

SAMPLE Soils from Coca-Cola, Torrance

LABORATORY NO. 31100

INVESTIGATION

As requested

RESULTS

MILLIGRAMS PER KILOGRAM

<u>Sample Identification</u>	<u>Total Petroleum Hydrocarbons (418.1)</u>
B-7-5'	2
B-7-15'	<1
B-8-2 1/2'	8,686
B-8-15'	<1
B-9-5'	210
B-9-15'	<1
B-10-3'	1,880
B-10-10'	<1
B-11-8'	4

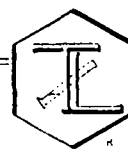
Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Julia Nayberg
Julia Nayberg, Manager
Inorganic Chemistry

301 00232

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS

RESEARCH - DEVELOPMENT - TESTING

Stoney-Miller Consultants, Inc.

14 Hughes, Suite B101

CLIENT Irvine, CA 92718

Attention: Gary Carlin

SAMPLE B-7-51

14201 FRANKLIN AVENUE

TUSTIN, CALIFORNIA 92680

AREA CODE 714 • 730-6239

AREA CODE 213 • 225-1564

CABLE: TRUESLABS

October 25, 1988

DATE

October 17, 1988

RECEIVED

LABORATORY NO.

31100-1

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Phenol	660 ug/kg	ND
bis(2-Chloroethyl) ether	660 ug/kg	ND
2-Chlorophenol	600 ug/kg	ND
1,3-Dichlorobenzene	660 ug/kg	ND
1,4-Dichlorobenzene	660 ug/kg	ND
Benzyl Alcohol	1300 ug/kg	ND
1,2-Dichlorobenzene	660 ug/kg	ND
2-Methylphenol	660 ug/kg	ND
bis(2-Chloroisopropyl) ether	660 ug/kg	ND
4-Methylphenol	660 ug/kg	ND
N-Nitroso-Di-N-propylamine	660 ug/kg	ND
Hexachloroethane	660 ug/kg	ND
Nitrobenzene	660 ug/kg	ND
Isophorone	660 ug/kg	ND
2-Nitrophenol	660 ug/kg	ND
2,4-Dimethylphenol	660 ug/kg	ND
Benzoic Acid	3300 ug/kg	ND
bis(2-Chloroethoxy)methane	660 ug/kg	ND
2,4-Dichlorophenol	660 ug/kg	ND
1,2,4-Trichlorobenzene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

301 00233

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INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Naphthalene	660 ug/kg	ND
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	ND
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	ND
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	ND
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	ND
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	ND
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-1


INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Chrysene	660 ug/kg	ND
Di-n-octyl phthalate	660 ug/kg	ND
Benzo(b)fluoranthene	660 ug/kg	ND
Benzo(k)fluoranthene	660 ug/kg	ND
Benzo(a)pyrene	660 ug/kg	ND
Indeno(1,2,3-cd)pyrene	660 ug/kg	ND
Dibenz(a,h)anthracene	660 ug/kg	ND
Benzo(g,h,i)perylene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

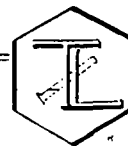


Julia Nayberg
Julia Nayberg, Manager
Inorganic Chemistry

301 00235

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT **Stoney-Miller Consultants, Inc.**
14 Hughes, Suite B101
Irvine, CA 92718
Attention: Gary Carlin

SAMPLE **B-7-15'**

DATE **October 25, 1988**
RECEIVED **October 17, 1988**
LABORATORY NO. **31100-2**

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Phenol	660 ug/kg	ND
bis(2-Chloroethyl) ether	660 ug/kg	ND
2-Chlorophenol	600 ug/kg	ND
1,3-Dichlorobenzene	660 ug/kg	ND
1,4-Dichlorobenzene	660 ug/kg	ND
Benzyl Alcohol	1300 ug/kg	ND
1,2-Dichlorobenzene	660 ug/kg	ND
2-Methylphenol	660 ug/kg	ND
bis(2-Chloroisopropyl) ether	660 ug/kg	ND
4-Methylphenol	660 ug/kg	ND
N-Nitroso-Di-N-propylamine	660 ug/kg	ND
Hexachloroethane	660 ug/kg	ND
Nitrobenzene	660 ug/kg	ND
Isophorone	660 ug/kg	ND
2-Nitrophenol	660 ug/kg	ND
2,4-Dimethylphenol	660 ug/kg	ND
Benzoic Acid	3300 ug/kg	ND
bis(2-Chloroethoxy)methane	660 ug/kg	ND
2,4-Dichlorophenol	660 ug/kg	ND
1,2,4-Trichlorobenzene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

301 00236

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TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-2

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Naphthalene	660 ug/kg	ND
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	ND
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	ND
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	ND
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	ND
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	ND
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

301 00237

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-2


INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Chrysene	660 ug/kg	ND
Di-n-octyl phthalate	660 ug/kg	ND
Benzo(b)fluoranthene	660 ug/kg	ND
Benzo(k)fluoranthene	660 ug/kg	ND
Benzo(a)pyrene	660 ug/kg	ND
Indeno(1,2,3-cd)pyrene	660 ug/kg	ND
Dibenz(a,h)anthracene	660 ug/kg	ND
Benzo(g,h,i)perylene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

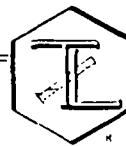


Julia Nayberg
Julia Nayberg, Manager
Inorganic Chemistry

301 00238

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS

RESEARCH - DEVELOPMENT - TESTING

Stoney-Miller Consultants, Inc.

14 Hughes, Suite B101

CLIENT Irvine, CA 92718

Attention: Gary Carlin

SAMPLE B-8-2¹/₂'

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUE LABS

October 25, 1988

DATE

October 17, 1988

RECEIVED

LABORATORY NO. 3110-3

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Phenol	660 ug/kg	ND
bis(2-Chloroethyl) ether	660 ug/kg	ND
2-Chlorophenol	600 ug/kg	ND
1,3-Dichlorobenzene	660 ug/kg	ND
1,4-Dichlorobenzene	660 ug/kg	ND
Benzyl Alcohol	1300 ug/kg	ND
1,2-Dichlorobenzene	660 ug/kg	ND
2-Methylphenol	660 ug/kg	ND
bis(2-Chloroisopropyl) ether	660 ug/kg	ND
4-Methylphenol	660 ug/kg	ND
N-Nitroso-Di-N-propylamine	660 ug/kg	ND
Hexachloroethane	660 ug/kg	ND
Nitrobenzene	660 ug/kg	ND
Isophorone	660 ug/kg	ND
2-Nitrophenol	660 ug/kg	ND
2,4-Dimethylphenol	660 ug/kg	ND
Benzoic Acid	3300 ug/kg	ND
bis(2-Chloroethoxy)methane	660 ug/kg	ND
2,4-Dichlorophenol	660 ug/kg	ND
1,2,4-Trichlorobenzene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

301 00239

This report applies only to the sample or samples investigated and is not necessarily indicative of the quality or condition of any other similar or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-3

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Naphthalene	660 ug/kg	55,500
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	32,600
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	16,600
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	15,100
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	32,400
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	10,100
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

301 00240

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-3

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)


<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Chrysene	660 ug/kg	ND
Di-n-octyl phthalate	660 ug/kg	ND
Benzo(b)fluoranthene	660 ug/kg	ND
Benzo(k)fluoranthene	660 ug/kg	ND
Benzo(a)pyrene	660 ug/kg	ND
Indeno(1,2,3-cd)pyrene	660 ug/kg	ND
Dibenz(a,h)anthracene	660 ug/kg	ND
Benzo(g,h,i)perylene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

*** Detection limits are multiplied by 10X.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

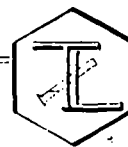


Julia Nayberg
Julia Nayberg, Manager
Inorganic Chemistry

301 00241

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUE LABS

CLIENT **Stoney-Miller Consultants, Inc.**
14 Hughes, Suite B101
Irvine, CA 92718
Attention: Gary Carlin

SAMPLE B-8-15'

DATE October 25, 1988
RECEIVED October 17, 1988
LABORATORY NO. 31100-4

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Phenol	660 ug/kg	ND
bis(2-Chloroethyl) ether	660 ug/kg	ND
2-Chlorophenol	600 ug/kg	ND
1,3-Dichlorobenzene	660 ug/kg	ND
1,4-Dichlorobenzene	660 ug/kg	ND
Benzyl Alcohol	1300 ug/kg	ND
1,2-Dichlorobenzene	660 ug/kg	ND
2-Methylphenol	660 ug/kg	ND
bis(2-Chloroisopropyl) ether	660 ug/kg	ND
4-Methylphenol	660 ug/kg	ND
N-Nitroso-Di-N-propylamine	660 ug/kg	ND
Hexachloroethane	660 ug/kg	ND
Nitrobenzene	660 ug/kg	ND
Isophorone	660 ug/kg	ND
2-Nitrophenol	660 ug/kg	ND
2,4-Dimethylphenol	660 ug/kg	ND
Benzoic Acid	3300 ug/kg	ND
bis(2-Chloroethoxy)methane	660 ug/kg	ND
2,4-Dichlorophenol	660 ug/kg	ND
1,2,4-Trichlorobenzene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

301 00242

This report applies only to the sample or samples investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used in whole or in part in any advertising or publicity matter without prior written authorization from these Laboratories.

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-4

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Naphthalene	660 ug/kg	ND
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	ND
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	ND
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	ND
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	ND
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	ND
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection Limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

301 00243

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-4

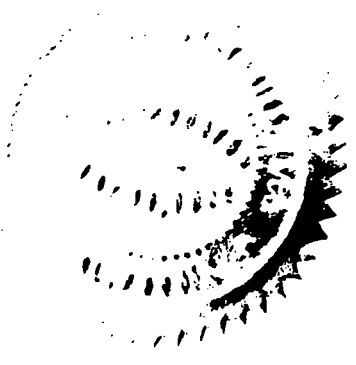
INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Chrysene	660 ug/kg	ND
Di-n-octyl phthalate	660 ug/kg	ND
Benzo(b)fluoranthene	660 ug/kg	ND
Benzo(k)fluoranthene	660 ug/kg	ND
Benzo(a)pyrene	660 ug/kg	ND
Indeno(1,2,3-cd)pyrene	660 ug/kg	ND
Dibenz(a,h)anthracene	660 ug/kg	ND
Benzo(g,h,i)perylene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

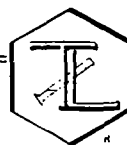


Julia Nayberg
Julia Nayberg, Manager
Inorganic Chemistry

301 - 00244

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT **Stoney-Miller Consultants, Inc.**
14 Hughes, Suite B101
Irvine, CA 92718
Attention: Gary Carlin

DATE October 25, 1988

RECEIVED October 17, 1988

SAMPLE B-9-5'

LABORATORY NO. 31100-5

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Phenol	660 ug/kg	ND
bis(2-Chloroethyl) ether	660 ug/kg	ND
2-Chlorophenol	600 ug/kg	ND
1,3-Dichlorobenzene	660 ug/kg	ND
1,4-Dichlorobenzene	660 ug/kg	ND
Benzyl Alcohol	1300 ug/kg	ND
1,2-Dichlorobenzene	660 ug/kg	ND
2-Methylphenol	660 ug/kg	ND
bis(2-Chloroisopropyl) ether	660 ug/kg	ND
4-Methylphenol	660 ug/kg	ND
N-Nitroso-Di-N-propylamine	660 ug/kg	ND
Hexachloroethane	660 ug/kg	ND
Nitrobenzene	660 ug/kg	ND
Isophorone	660 ug/kg	ND
2-Nitrophenol	660 ug/kg	ND
2,4-Dimethylphenol	660 ug/kg	ND
Benzoic Acid	3300 ug/kg	ND
bis(2-Chloroethoxy)methane	660 ug/kg	ND
2,4-Dichlorophenol	660 ug/kg	ND
1,2,4-Trichlorobenzene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

301 00245

This report applies only to the sample or samples investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used in whole or in part in any advertising or publicity matter without prior written authorization from these Laboratories.

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-5

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Naphthalene	660 ug/kg	ND
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	ND
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	ND
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	ND
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	ND
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	ND
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

301 00246

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-5

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)


<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Chrysene	660 ug/kg	ND
Di-n-octyl phthalate	660 ug/kg	ND
Benzo(b)fluoranthene	660 ug/kg	ND
Benzo(k)fluoranthene	660 ug/kg	ND
Benzo(a)pyrene	660 ug/kg	ND
Indeno(1,2,3-cd)pyrene	660 ug/kg	ND
Dibenz(a,h)anthracene	660 ug/kg	ND
Benzo(g,h,i)perylene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

*** Detection limits are multiplied by 10X.

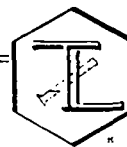
Respectfully submitted,
TRUESDAIL LABORATORIES, INC.


Julia Nayberg
Julia Nayberg, Manager
Inorganic Chemistry

301 00247

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT **Stoney-Miller Consultants, Inc.**
14 Hughes, Suite B101
Irvine, CA 92718
Attention: Gary Carlin

DATE October 25, 1988

RECEIVED October 17, 1988

SAMPLE B-9-15'

LABORATORY NO. 31100-6

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Phenol	660 ug/kg	ND
bis(2-Chloroethyl) ether	660 ug/kg	ND
2-Chlorophenol	600 ug/kg	ND
1,3-Dichlorobenzene	660 ug/kg	ND
1,4-Dichlorobenzene	660 ug/kg	ND
Benzyl Alcohol	1300 ug/kg	ND
1,2-Dichlorobenzene	660 ug/kg	ND
2-Methylphenol	660 ug/kg	ND
bis(2-Chloroisopropyl) ether	660 ug/kg	ND
4-Methylphenol	660 ug/kg	ND
N-Nitroso-Di-N-propylamine	660 ug/kg	ND
Hexachloroethane	660 ug/kg	ND
Nitrobenzene	660 ug/kg	ND
Isophorone	660 ug/kg	ND
2-Nitrophenol	660 ug/kg	ND
2,4-Dimethylphenol	660 ug/kg	ND
Benzoic Acid	3300 ug/kg	ND
bis(2-Chloroethoxy)methane	660 ug/kg	ND
2,4-Dichlorophenol	660 ug/kg	ND
1,2,4-Trichlorobenzene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

301 00248

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TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-9

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Chrysene	660 ug/kg	ND
Di-n-octyl phthalate	660 ug/kg	ND
Benzo(b)fluoranthene	660 ug/kg	ND
Benzo(k)fluoranthene	660 ug/kg	ND
Benzo(a)pyrene	660 ug/kg	ND
Indeno(1,2,3-cd)pyrene	660 ug/kg	ND
Dibenz(a,h)anthracene	660 ug/kg	ND
Benzo(g,h,i)perylene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.



Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Julia Nayberg
Julia Nayberg, Manager
Inorganic Chemistry

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-6

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Naphthalene	660 ug/kg	ND
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	ND
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	ND
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	ND
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	ND
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	ND
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

301 00249

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-6

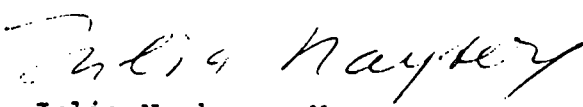
INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Chrysene	660 ug/kg	ND
Di-n-octyl phthalate	660 ug/kg	ND
Benzo(b)fluoranthene	660 ug/kg	ND
Benzo(k)fluoranthene	660 ug/kg	ND
Benzo(a)pyrene	660 ug/kg	ND
Indeno(1,2,3-cd)pyrene	660 ug/kg	ND
Dibenz(a,h)anthracene	660 ug/kg	ND
Benzo(g,h,i)perylene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

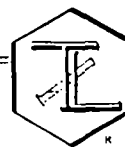
Respectfully submitted,
TRUESDAIL LABORATORIES, INC.


Julia Nayberg, Manager
Inorganic Chemistry

301 00250

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS

RESEARCH - DEVELOPMENT - TESTING

Stoney-Miller Consultants, Inc.

14 Hughes, Suite B101

CLIENT Irvine, CA 92718

Attention: Gary Carlin

SAMPLE B-10-3'

14201 FRANKLIN AVENUE

TUSTIN, CALIFORNIA 92680

AREA CODE 714 • 730-6239

AREA CODE 213 • 225-1564

CABLE: TRUE LABS

October 25, 1988

DATE

October 17, 1988

RECEIVED

LABORATORY NO. 31100-7

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Phenol	660 ug/kg	ND
bis(2-Chloroethyl) ether	660 ug/kg	ND
2-Chlorophenol	600 ug/kg	ND
1,3-Dichlorobenzene	660 ug/kg	ND
1,4-Dichlorobenzene	660 ug/kg	ND
Benzyl Alcohol	1300 ug/kg	ND
1,2-Dichlorobenzene	660 ug/kg	ND
2-Methylphenol	660 ug/kg	ND
bis(2-Chloroisopropyl) ether	660 ug/kg	ND
4-Methylphenol	660 ug/kg	ND
N-Nitroso-Di-N-propylamine	660 ug/kg	ND
Hexachloroethane	660 ug/kg	ND
Nitrobenzene	660 ug/kg	ND
Isophorone	660 ug/kg	ND
2-Nitrophenol	660 ug/kg	ND
2,4-Dimethylphenol	660 ug/kg	ND
Benzoic Acid	3300 ug/kg	ND
bis(2-Chloroethoxy)methane	660 ug/kg	ND
2,4-Dichlorophenol	660 ug/kg	ND
1,2,4-Trichlorobenzene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

301 00251

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-7

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Naphthalene	660 ug/kg	14,400
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	10,500
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	ND
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	ND
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	10,200
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	ND
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

301 00252

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-7

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)


<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Chrysene	660 ug/kg	ND
Di-n-octyl phthalate	660 ug/kg	ND
Benzo(b)fluoranthene	660 ug/kg	ND
Benzo(k)fluoranthene	660 ug/kg	ND
Benzo(a)pyrene	660 ug/kg	ND
Indeno(1,2,3-cd)pyrene	660 ug/kg	ND
Dibenz(a,h)anthracene	660 ug/kg	ND
Benzo(g,h,i)perylene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

*** Detection limits are multiplied by 10X.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

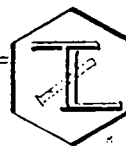


Julia Nayberg
Julia Nayberg, Manager
Inorganic Chemistry

301 00253

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUE LABS

CLIENT **Stoney-Miller Consultants, Inc.**
14 Hughes, Suite B101
Irvine, CA 92718
Attention: Gary Carlin

DATE October 25, 1988

RECEIVED October 17, 1988

SAMPLE B-10-10'

LABORATORY NO. 31100-8

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Phenol	660 ug/kg	ND
bis(2-Chloroethyl) ether	660 ug/kg	ND
2-Chlorophenol	600 ug/kg	ND
1,3-Dichlorobenzene	660 ug/kg	ND
1,4-Dichlorobenzene	660 ug/kg	ND
Benzyl Alcohol	1300 ug/kg	ND
1,2-Dichlorobenzene	660 ug/kg	ND
2-Methylphenol	660 ug/kg	ND
bis(2-Chloroisopropyl) ether	660 ug/kg	ND
4-Methylphenol	660 ug/kg	ND
N-Nitroso-Di-N-propylamine	660 ug/kg	ND
Hexachloroethane	660 ug/kg	ND
Nitrobenzene	660 ug/kg	ND
Isophorone	660 ug/kg	ND
2-Nitrophenol	660 ug/kg	ND
2,4-Dimethylphenol	660 ug/kg	ND
Benzoic Acid	3300 ug/kg	ND
bis(2-Chloroethoxy)methane	660 ug/kg	ND
2,4-Dichlorophenol	660 ug/kg	ND
1,2,4-Trichlorobenzene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

301 00254

This report applies only to the sample or samples investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used in whole or in part in any advertising or publicity matter without prior written authorization from these Laboratories.

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-8

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Naphthalene	660 ug/kg	ND
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	ND
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	ND
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	ND
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	ND
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	ND
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

301 00255

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-8


INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Chrysene	660 ug/kg	ND
Di-n-octyl phthalate	660 ug/kg	ND
Benzo(b)fluoranthene	660 ug/kg	ND
Benzo(k)fluoranthene	660 ug/kg	ND
Benzo(a)pyrene	660 ug/kg	ND
Indeno(1,2,3-cd)pyrene	660 ug/kg	ND
Dibenz(a,h)anthracene	660 ug/kg	ND
Benzo(g,h,i)perylene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

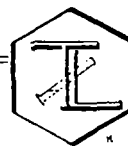


Julia Nayberg
Julia Nayberg, Manager
Inorganic Chemistry

301 00256

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUE LABS

CLIENT **Stoney-Miller Consultants, Inc.**
14 Hughes, Suite B101
Irvine, CA 92718
Attention: Gary Carlin

DATE October 25, 1988

RECEIVED October 17, 1988

SAMPLE B-11-8'

LABORATORY NO. 31100-9

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Phenol	660 ug/kg	ND
bis(2-Chloroethyl) ether	660 ug/kg	ND
2-Chlorophenol	600 ug/kg	ND
1,3-Dichlorobenzene	660 ug/kg	ND
1,4-Dichlorobenzene	660 ug/kg	ND
Benzyl Alcohol	1300 ug/kg	ND
1,2-Dichlorobenzene	660 ug/kg	ND
2-Methylphenol	660 ug/kg	ND
bis(2-Chloroisopropyl) ether	660 ug/kg	ND
4-Methylphenol	660 ug/kg	ND
N-Nitroso-Di-N-propylamine	660 ug/kg	ND
Hexachloroethane	660 ug/kg	ND
Nitrobenzene	660 ug/kg	ND
Isophorone	660 ug/kg	ND
2-Nitrophenol	660 ug/kg	ND
2,4-Dimethylphenol	660 ug/kg	ND
Benzoic Acid	3300 ug/kg	ND
bis(2-Chloroethoxy)methane	660 ug/kg	ND
2,4-Dichlorophenol	660 ug/kg	ND
1,2,4-Trichlorobenzene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

301 00257

This report applies only to the sample or samples investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Naphthalene	660 ug/kg	ND
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	ND
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	ND
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	ND
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	ND
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	ND
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

0639-02597



A Plus

Office Products & Services

COMMERCIAL SPECIALISTS

12 HUGHES STREET

SUITE D-103

IRVINE, CALIFORNIA 92718

714/837-5070 • 837-5360

FACSIMILE TRANSMISSION SHEET

TO: Drexel Chapman
Seeley Company

FROM: Georemediation Inc.

REGARDING: Phone conversation 10/25/88

INSTRUCTIONS: _____

301 000001

U.S. EPA SUPER. ID PROGRAM

SELECTION: ** SPECIAL **
SEQUENCE: STATE, CNTY CODE, SITE NAME
EVENTS: ALL

** C E R C L I S **

33
RUN DATE: 04/12/88
RUN TIME: 20:31:13

LIST-8: SITE/EVENT LISTING

VERSION: 1

EPA ID NO.	SITE NAME STREET CITY COUNTY CODE AND NAME	STATE ZIP CONG DIST.	NFA FLAG	OPRBLE UNIT	EVENT TYPE	ACTUAL START DATE	ACTUAL COMPL DATE	CURRENT EVENT LEAD
CAD092516772	INTERWEB 5251 W IMPERIAL HWY LOS ANGELES 037 LOS ANGELES	CA 90045		00	DS1 PA1	03/01/84	08/01/80 05/01/85	EPA (FUND) STATE(FUND)
CAD098627516	INTERWEB/RR DONNELLEY & SONS CO 19681 PACIFIC GATEWAY DR TORRANCE 037 LOS ANGELES	CA 90502	NFA	00	DS1 PA1		03/01/85 11/01/87	EPA (FUND)
CAD981370984	INTL ANODIZING CORP OF CA 1840 OAK ST TORRANCE 037 LOS ANGELES	CA 90501	NFA	00	DS1 PA1	12/01/85	02/01/86 06/01/86	STATE(FUND) STATE(FUND)
CAD029654894	IT TRANSP CORP WILMINGTON 233 E "D" ST WILMINGTON 037 LOS ANGELES	CA 90744		00	DS1 PA1	08/01/84	06/01/81 05/01/85	EPA (FUND) STATE(FUND)
CAD980735914	IT YARD 217 N LAGOON AVE WILMINGTON 037 LOS ANGELES	CA 90744		00	DS1 PA1	06/01/84	11/01/79 11/01/84	EPA (FUND) STATE(FUND)
CAD028528230	JEFFRIES BANKNOTE CO 1330 W PICO BLVD LOS ANGELES 037 LOS ANGELES	CA 90015	NFA	00	DS1 PA1	03/01/85	05/01/81 05/01/85	EPA (FUND) STATE(FUND)
CAD008335564	JENNINGS PLATING CO 1760 PONTIUS AVE LOS ANGELES 037 LOS ANGELES	CA 90025	NFA	00	DS1 PA1	03/01/84	06/01/80 09/01/84	EPA (FUND) STATE(FUND)
CAD980636245	JOHN DEERE KILLEFER WORKS 5601 DOWNEY RD VERNON 037 LOS ANGELES	CA 90058	NFA	00	DS1 PA1		06/01/81 05/01/85	EPA (FUND) STATE(FUND)

301 000002

cokprop.let

October 26, 1988

California Department of Health Services
107 S. Grand Ave, Room 7011
Los Angeles, California 90007

Gentlemen:

GeoRemediation Inc. is currently investigating the property located at 19875 Pacific Gateway Drive in Torrance, California for the Coca-Cola Enterprizes, West. Our investigation is to include the possibility of hazardous materials on or beneath the site. As part of our investigation we have discovered four sites within one block of the property which are listed as EPA Super Fund sites. The names of the property owners and their addresses are as follows:

Amoco Chemicals Corp.
1225 W. 196th St.
Torrance, California

Interweb/ RR Donnelly and Sons Co.
19681 Pacific Gateway Dr.
Torrance California

Montrose Chemical Corp.
20201 S Normandie
Torrance, California

Tylan Corp.
19220 S Normandie
Torrance, California

GeoRemediation feels that in order to advise our client we need to reveiw the pertinent reports on these sites. To that end we are requesting your assistance in obtaining these reports.

Thank you for your help. Please do not hesitate to contact me, Greg East at (714) 380-0599 with any information you can give me regarding this matter.

Very Truly Yours,

Gregory Porter East
Environmental Engineer

301 000003

COMMONWEALTH LAND TITLE COMPANY

LOS ANGELES COUNTY

PRELIMINARY REPORT

- . Shea and Gould
- . 1800 Avenue of the Stars
- . Los Angeles, California 90067
- ATTN: Dan Herscher

20750 Ventura Blvd., #350
Woodland Hills, CA 91364
(818) 888-7655

YOUR NO.: AMCENA PROPERTIES
OUR NO. 86-33747-20

IN RESPONSE TO THE ABOVE REFERENCED APPLICATION FOR A POLICY OF TITLE INSURANCE, COMMONWEALTH LAND TITLE COMPANY HEREBY REPORTS THAT IT IS PREPARED TO ISSUE, OR CAUSE TO BE ISSUED, AS OF THE DATE HEREOF, A POLICY OR POLICIES OF TITLE INSURANCE DESCRIBING THE LAND AND THE ESTATE OR INTEREST THEREIN HEREINAFTER SET FORTH, INSURING AGAINST LOSS WHICH MAY BE SUSTAINED BY REASON OF ANY DEFECT, LIEN OR ENCUMBRANCE NOT SHOWN OR REFERRED TO AS AN EXCEPTION BELOW OR NOT EXCLUDED FROM COVERAGE PURSUANT TO THE PRINTED SCHEDULES, CONDITIONS AND STIPULATIONS OF SAID POLICY FORMS.

THE PRINTED EXCEPTIONS AND EXCLUSIONS FROM THE COVERAGE OF SAID POLICY OR POLICIES ARE SET FORTH IN EXHIBIT A ATTACHED. COPIES OF THE POLICY FORMS SHOULD BE READ. THEY ARE AVAILABLE FROM THE OFFICE WHICH ISSUED THIS REPORT.

THIS REPORT (AND ANY SUPPLEMENTS OR AMENDMENTS HERETO) IS ISSUED SOLELY FOR THE PURPOSE OF FACILITATING THE ISSUANCE OF A POLICY OF TITLE INSURANCE AND NO LIABILITY IS ASSUMED HEREBY. IF IT IS DESIRED THAT LIABILITY BE ASSUMED PRIOR TO THE ISSUANCE OF A POLICY OF TITLE INSURANCE, A BINDER OR COMMITMENT SHOULD BE REQUESTED.

DATED: December 28, 1987, AT 7:30 A.M.


Bill Cuddy
TITLE OFFICER

CC:

301 000004

SCHEDULE A

THE FORM OF POLICY OF TITLE INSURANCE CONTEMPLATED BY THIS REPORT IS:

A CLTA Owners Policy

THE ESTATE OR INTEREST IN THE LAND HEREINAFTER DESCRIBED OR REFERRED TO COVERED BY THIS REPORT IS:

a fee

TITLE TO SAID ESTATE OR INTEREST AT THE DATE HEREOF IS VESTED IN:

AMCENA PROPERTIES, INC.

THE LAND REFERRED TO IN THIS REPORT IS SITUATED IN THE STATE OF CALIFORNIA, COUNTY OF LOS ANGELES, AND IS DESCRIBED AS FOLLOWS:

All that certain real property situated in the City of Los Angeles, County of Los Angeles, State of California said property being more particularly described as Parcel C as said Parcel is shown on that certain map entitled "Parcel Map - L.A. No. 3041", filed in Book 61 of Parcel Maps at Pages 81 and 82, Official Records of said County.

301 000005

SCHEDULE B

AT THE DATE HEREOF EXCEPTIONS TO COVERAGE, IN ADDITION TO THE PRINTED EXCEPTIONS AND EXCLUSIONS IN SAID POLICY FORM WOULD BE AS FOLLOWS:

1. General and special taxes, including any personal property taxes, and assessments collected with taxes for the fiscal year 1987-1988:

Total:	\$55,617.19	
First Installment:	27,808.60	Delinquent
Penalty:	2,780.86	
Second Installment:	27,808.59	Open
Penalty and Costs:	2,790.85	

Code: 510
Parcel: 7351-34-57

1a. The lien of supplemental taxes, if any, assessed pursuant to the provisions of Chapter 3.5 (commencing with Section 75) of the Revenue and Taxation Code of the State of California.

2. A Covenant and Agreement, executed by CC&F Western Development Company, Inc., in favor of the City of Los Angeles, and recorded January 24, 1975 as Instrument No. 2983 in Book M-4902 Page 374, Official Records.

Said Covenant and Agreement, among other things, provides for the following:

Said first party covenants and agrees to and with said City of Los Angeles to submit four copies of a plot plan over that above described property to the Fire Department for approval and review, prior to the issuance of building permits.

This covenant and agreement shall run with the land and be binding upon any future owners, encumbrancers, their successors, heirs or assignees, and shall continue in effect unless otherwise released by authority of the Fire Department of the City of Los Angeles.

3. A Covenant and Agreement, executed by CC&F Western Development Company, Inc., in favor of the City of Los Angeles, and recorded January 24, 1975 as Instrument No. 2984 in Book M-84902 Page 367, Official Records.

Said Covenant and Agreement, among other things, provides for the following:

Said first party covenants and agrees to and with said City of Los Angeles to submit four copies of a parking area and driveway plan over the above

301 000006

described property to the appropriate district office of the Bureau of Engineering for approval and for coordination and review of the Traffic Department and the Department of Building and Safety, prior to the issuance of building permits.

This covenant and agreement shall run with the land and be binding upon any future owners, encumbrancers, their successors, heirs or assignees, and shall continue in effect unless otherwise released by authority of the Bureau of Engineering of the City of Los Angeles.

4. Covenants, conditions and restrictions (deleting therefrom any restrictions based on race, color or creed), as provided in a document recorded March 28, 1975 as Instrument No. 3857, Official Records.

Said covenants, conditions and restrictions provide that a violation thereof shall not defeat or render invalid the lien of any mortgage or deed of trust made in good faith and for value.

Said covenants, conditions and restrictions were purportedly modified by an instrument recorded September 26, 1975 as Instrument No. 684, in Book M-5124 Page 766; September 26, 1975 as Instrument No. 690 in Book M-5124 Page 813, Official Records; June 14, 1977 as Instrument No. 77-621940, Official Records and June 14, 1977 as Instrument No. 77-621943, Official Records.

5. A Covenant and Agreement, executed by C.C & F. Western Development Co., Inc., in favor of the City of Los Angeles, and recorded September 23, 1975 as Instrument No. 3724 in Book M-5121 Page 343, Official Records.

Said Covenant and Agreement, among other things, provides for the following:

In consideration of the issuance by the City of Los Angeles of a Building permit for the construction of an oversized building of said property, we do hereby covenant and agree to and with said City, pursuant to Section 91.0506 (K) of the Los Angeles Municipal Code, to maintain on said property, a yard of 60 feet in width, unobstructed from ground to sky, as shown on the attached plot plan.

This covenant and agreement shall run with the land and shall be binding upon ourselves, any future owners encumbrancers, their successors, heirs or assignees and shall continue in effect so long as said oversized building shall remain thereon and unless otherwise released by authority of the Superintendent of Building of the City of Los Angeles.

6. An easement for railroad, transportation and community purposes and incidental purposes in favor of Southern Pacific Transportation Company, a Delaware corporation, as provided in a document recorded March 2, 1976 as Instrument No. 561, Official Records.

Affects: that portion of said land described as follows:

That certain real property situated in the City of Los Angeles, County of Los Angeles, State of California said property being that portion of the following described strip of land which lies within Lot 1 as said Lot is shown on that certain map entitled "Tract No. 32036" recorded in Book 851 Pages 12, 13 and 14, Official Records of said County, being more particularly described as a strip of land 25 feet in width lying 10 feet Westerly and 15 feet Easterly of the portion of the following described line which lies within said Lot 1.

Beginning at the point of intersection of the Northerly line of said Lot 1 with a line parallel with and perpendicularly distant 15.00 feet Easterly of the Westerly line of said Lots 1 and 6; thence from said point of beginning Southerly along said parallel line South $0^{\circ} 04' 36''$ East 335.00 feet to the true point of beginning of the property herein described:

Thence from said true point of beginning and continuing on said parallel line South $0^{\circ} 04' 36''$ East 1932.76 feet; thence tangent to the preceding course in the arc of a curve to the left having a radius of 385.24 feet a central angle of $8^{\circ} 57' 55''$ an arc distance of 60.28 feet; thence non-tangent to the preceding curve South $10^{\circ} 59' 47''$ East 87.96 feet; thence non-tangent to the preceding course from a tangent which bears South $9^{\circ} 02' 31''$ East Southerly on the arc of a curve to the right having a radius of 338.27 feet and a central angle of $13^{\circ} 38' 41''$ an arc length of 8056 feet to the Southerly line of said Lot 6; thence continuing on said 338.27 foot radius curve through a central angle of $78^{\circ} 54' 46''$ an arc length of 465.89 feet; thence tangent to the preceding curve South $83^{\circ} 30' 56''$ West 50.00 feet to an intersection with a line parallel with and perpendicularly distant 15.00 feet Northerly of the Southerly line of Lot 12 as said Southerly line is shown on that certain map entitled Tract No. 4671 recorded in Book 56 at Pages 30 and 31, Official Records of said County; thence Westerly along said parallel line South $89^{\circ} 52' 56''$ West 48.00 feet; thence tangent to the preceding course on the arc of a curve to the right having a radius of 338.27 feet a central angle of $52^{\circ} 52' 48''$ an arc distance of 312.20 feet to the Westerly line of said Lot 12, said property being contiguous at its Southerly terminus of the Northerly line of said Lot 6.

NOTE: That portion of the above described line which lies Northerly of the Southerly terminus of the course South $10^{\circ} 59' 47''$ East 87.96 feet is not necessarily centerline of the proposed tract.

7. An easement for railroad, transportation, communication etc. and incidental purposes in favor of C C & F Willowdale Western Properties, as provided in a document recorded August 17, 1976 as Instrument No. 60, Official Records.

Affects: as described therein

8. An easement for railroad drill track, spur track, transportation, communication, storm drainage and related purposes and incidental purposes in

favor of Amoco Chemicals Corporation, a Delaware corporation, as provided in a document recorded August 30, 1979 as Instrument No. 79-965941, Official Records.

Affects: a strip of land 30 feet in width lying 15 feet on the West side and 15 feet on the East side of the following described line which lies within said Parcel A, 30 feet in width lying 15 feet on each side of the following described line which lies within said 100 foot right-of-way and 25 feet in width lying 10 feet to the right of and 15 feet to the left, in the direction of traverse, of said following described line which lies within said Parcel B, said Parcel C and said Lot 6 and 30 feet in width lying 15 feet on each side of the Easterly 460.03 feet of that portion of said following described line which lies within said Lot 12 and said Lot 13 and lying 15 feet right and 11 feet left in the direction of traverse of the Westerly 293.04 feet of said following described line which lies within the above-mentioned Lot 12 and Lot 13; said line being more particularly described as follows:

Beginning at the point of intersection of the Northerly line of said Parcel A of said Parcel Map L.A. No. 3041, with a line parallel with and perpendicularly distant 15.00 feet Easterly of the Westerly line of said Parcel A, said Parcel B of said Parcel Map L.A. No. 3463, said Parcel C of said Parcel Map L.A. No. 3041 and said Lot 6 of said Tract No. 32036; thence from said Point of Beginning Southerly along said parallel line South 0° 04' 36" East 2267.76 feet; thence tangent to the preceding course on the arc of a curve to the left having a radius of 385.24 feet a central angle of 8° 57' 55" an arc distance of 60.28 feet; thence non-tangent to the preceding course South 10° 59' 47" East 87.96 feet; thence non-tangent to the preceding course from a tangent which bears South 0° 02' 31" East Southerly on the arc of a curve to the right having a radius of 338.27 feet a central angle of 92° 33' 27" an arc distance of 546.45 feet; thence tangent to the preceding curve South 83° 30' 56" West 50.00 feet to an intersection with a line parallel with and perpendicularly distant 15.00 feet Northerly of the Southerly line of said Lot 12; thence Westerly along said parallel line South 89° 52' 56" West 48.00 feet; thence tangent to the preceding course on the arc of a curve to the right having a radius of 338.27 feet a central angle of 49° 38' 05" an arc distance of 293.04 feet to the Easterly line of an easement for street purposes as described in Instrument No. 3338, recorded October 1, 1971 in Book D-5211 Page 313 of Deeds, Official Records of said County, and the terminus of the herein described strip, said easement being contiguous at its Northerly terminus with the Northerly line of said Parcel A of said Parcel Map L.A. No. 3041 and at its Westerly terminus with said Easterly line of said Easement for street purposes.

EXCEPTING therefrom that portion which lies within the Southerly 4.00 feet of said Lot 12.

9. A deed of trust to secure an indebtedness of \$1,850,000.00, and any other amounts as therein provided, recorded August 17, 1976 as Instrument No. 64.

Dated: July 27, 1976
Trustor: Intset Investment Group, a General Partnership
Trustee: United California Bank, a California corporation
Beneficiary: United California Bank, a California corporation

10. A Covenant and Agreement, executed by Amcena Properties, Inc., in favor of the City of Los Angeles, and recorded January 9, 1986 as Instrument No. 86-031432, Official Records.

Said Covenant and Agreement, among other things, provides for the following:

"We do hereby covenant and agree to and with said City to maintain a yard of 30 feet in width along the full common property line (our North property line).

This covenant and agreement shall run with the land and be binding upon any future owners, encumbrancers, their successors, heirs or assignees, and shall continue in effect until the Advisory Agency of the City of Los Angeles approves its termination.

11. A document entitled "Agreement", dated December 19, 1985, executed by and between R. R. Donnelley & Sons Company, a Delaware corporation and Amcena Properties, Inc., a corporation, and recorded January 13, 1986 as Instrument No. 86-043898, Official Records.

Which recites in part:

"Donnelley is executing a Covenant and Agreement Regarding Maintenance of Building (the "Donnelley Covenant") whereby Donnelley agrees to maintain a yard of 30 feet in width along the full common property line with the Amcena Property.

In consideration of Amcena executing a Covenant and Agreement Regarding Maintenance of Building whereby Amcena also agrees to maintain on the Amcena Property a yard of 30 feet in width along the full common property line with the Donnelley Property, Donnelley further covenants and agrees with Amcena that it will not request the release of the Donnelley Covenant by the City of Los Angeles without the prior written consent of Amcena or the then owner of the Amcena Property.

This Agreement shall run with the Donnelley Property and shall be binding upon Donnelley and all further owners of the Donnelley Property, their successors, heirs or assigns.

NOTE NO. 1: THIS COMPANY DOES REQUIRE CURRENT BENEFICIARY DEMANDS PRIOR TO CLOSING. If the demand is expired and a current demand cannot be obtained, our requirements will be as follows:

1. If this company accepts a verbal update on the demand, we will hold an amount equal to one monthly mortgage payment. This hold will be up and above the verbal hold the lender may have stipulated.

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2. If this company cannot obtain a verbal update on the demand, we will either pay off of the expired demand, or wait for the amended demand, at the discretion of the escrow.

NOTE NO. 2: The premium for a policy of title insurance, if issued, will be based on the basic rate.

NOTE NO. 3: This report is incomplete as to the effect of documents, proceedings, liens, decrees or other matters which do not specifically describe said land, but which, if any do exist, may affect the title or impose liens or encumbrances thereon.

This company will require statement(s) of information, including a declaration of marital status, from all parties, in order to complete this report.

This company will also require that the spouse(s), if any, of the vestee(s) and/or purchaser(s) either:

1. Join in the execution of any instruments conveying or encumbering said real property.
2. Deed any possible interest in and to said land.

Plats enclosed/ jlh /ods

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ALTA REPORT

We wish to report the following items, relating to the issuance of an American Land Title Association Loan Policy:

1. The following is reported for information only. The only conveyances affecting said land recorded within six (6) months of the date of this report are as follows:

Nil.

2. An inspection of said land has been ordered; upon its completion we will advise you of our findings.

CULTA PRELIMINARY REPORT FORM
EXHIBIT "A"

CALIFORNIA LAND TITLE ASSOCIATION
STANDARD COVERAGE POLICY - 1973
(AMENDED 12-6-85 and 2-20-86)
SCHEDULE OF EXCLUSIONS FROM COVERAGE

This policy does not insure against loss or damage, nor against costs, attorneys' fees or expenses, any or all of which arise by reason of the following:

PART I

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public records.
2. Any facts, rights, interests or claims which are not shown by the public records but which could be ascertained by an inspection of the land or by making inquiry of persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b) or (c) are shown by the public records.
6. Any right, title, interest, estate or easement in land beyond the lines of the area specifically described or referred to in Schedule A, or in abutting streets, roads, avenues, alleys, lanes, ways, or waterways, but nothing in this paragraph shall modify or limit the extent to which the ordinary right of an abutting owner for access to a physically open street or highway is insured by this policy.
7. Any law, ordinance or governmental regulation (including but not limited to building and zoning ordinances) restricting or regulating or prohibiting the occupancy, use or enjoyment of the land, or regulating the character, dimensions or location of any improvement now or hereafter erected on the land, or prohibiting a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part, whether or not shown by the public records at Date of Policy, or the effect of any violation of any such law, ordinance or governmental regulation, whether or not shown by the public records at Date of Policy.
8. Rights of eminent domain or governmental rights of police power unless notice of the exercise of such rights appears in the public records.
9. Defects, liens, encumbrances, adverse claims, or other matters (a) whether or not shown by the public records at Date of Policy, but created, caused, suffered, assumed or agreed to by the insured claimant; (b) not shown by the public records and not otherwise excluded from coverage but known to the insured claimant either at Date of Policy or at the date such claimant acquired an estate or interest insured by this policy or acquired the insured mortgage and not disclosed in writing by the insured claimant to the Company prior to the date such insured claimant became an insured hereunder; (c) resulting in no loss or damage to the insured claimant; (d) attaching or created subsequent to Date of Policy; or (e) resulting in loss or damage which would not have been sustained if the insured claimant had been a purchaser or encumbrancer for value without knowledge.

AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1970
WITH A.L.T.A. ENDORSEMENT FORM 1 COVERAGE
(AMENDED 10-17-70 and 10-17-84)
SCHEDULE OF EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy:

1. Any law, ordinance or governmental regulation (including but not limited to building and zoning ordinances) restricting or regulating or prohibiting the occupancy, use or enjoyment of the land, or regulating the character, dimensions or location of any improvement now or hereafter erected on the land, or prohibiting a separation in ownership or a reduction in the dimensions or area of the land, or the effect of any violation of any such law, ordinance or governmental regulation.
2. Rights of eminent domain or governmental rights of police power unless notice of the exercise of such rights appears in the public records at Date of Policy.
3. Defects, liens, encumbrances, adverse claims, or other matters (a) created, suffered, assumed or agreed to by the insured claimant; (b) not known to the Company and not shown by the public records but known to the insured claimant either at Date of Policy or at the date such claimant acquired an estate or interest insured by this policy or acquired the insured mortgage and not disclosed in writing by the insured claimant to the Company prior to the date such insured claimant became an insured hereunder; (c) resulting in no loss or damage to the insured claimant; (d) attaching or created subsequent to Date of Policy (except to the extent insurance is afforded herein as to any statutory lien for labor or material or to the extent insurance is afforded herein as to assessments for street improvements under construction or completed at Date of Policy).
4. Unenforceability of the lien of the insured mortgage because of failure of the insured at Date of Policy or of any subsequent owner of the indebtedness to comply with applicable "doing business" laws of the state in which the land is situated.

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CLTA PRELIMINARY REPORT FORM
EXHIBIT "A" (continued)

AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY FORM B - 1970
(AMENDED 10-17-70)
SCHEDULE OF EXCLUSIONS FROM COVERAGE

1. Any law, ordinance or governmental regulation (including but not limited to building and zoning ordinances) restricting or regulating or prohibiting the occupancy, use or enjoyment of the land, or regulating the character, dimensions or location of any improvement now or hereafter erected on the land, or prohibiting a separation in ownership or a reduction in the dimensions or area of the land, or the effect of any violation of any such law, ordinance or governmental regulation.
2. Rights of eminent domain or governmental rights of police power unless notice of the exercise of such rights appears in the public records at Date of Policy.
3. Defects, liens, encumbrances, adverse claims, or other matters (a) created, suffered, assumed or agreed to by the insured claimant; (b) not known to the Company and not shown by the public records but known to the insured claimant either at Date of Policy or at the date such claimant acquired an estate or interest insured by this policy and not disclosed in writing by the insured claimant to the Company prior to the date such insured claimant became an insured hereunder; (c) resulting in no loss or damage to the insured claimant; (d) attaching or created subsequent to Date of Policy; resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the estate or interest insured by this policy.

AMERICAN LAND TITLE ASSOCIATION
RESIDENTIAL TITLE INSURANCE POLICY - 1979
EXCLUSIONS

In addition to the exceptions in Schedule B, you are not insured against loss, costs, attorneys' fees and expenses resulting from:

1. Governmental police power; and the existence or violation of any law or government regulation. This includes building and zoning ordinances and also laws and regulations concerning:
 - .land use
 - .improvements on the land
 - .land division
 - .environmental protection

This exclusion does not limit the zoning coverage described in Items 12 and 13 of Covered Title Risks.

2. The right to take the land by condemning it, unless a notice of taking appears in the public records on the Policy Date.
3. Title Risks:
 - .that are known to you, but not to us, on the Policy Date - unless they appeared in the public records.
 - .that result in no loss to you
 - .that first affect your title after the Policy Date - this does not limit the labor and material lien coverage in Item 8 of Covered Title Risks
4. Failure to pay value for your title.
5. Lack of a right:
 - .to any land outside the area specifically described and referred to in Item 3 of Schedule A
 - or
 - .in streets, alleys, or waterways that touch your land.

This exclusion does not limit the access coverage in Item 5 of Covered Title Risks.

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PARCEL MAP	P. M. 88-99-70
PARCEL MAP	P. M. 62-64
TRACT NO. 4671	M. B. 56-30-31
PARCEL MAP	P. M. 61-78-80

PARCEL MAP - - - P.M. 68-71
PARCEL MAP - - - P.M. 76-14
PARCEL MAP - - - P.M. 63-99
TRACT NO. 32036 - - - M.B. 83-12-14
PARCEL MAP - - - P.M. 61-01-02

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

CODE
\$19

FOR PREV. ASSAULT SEE:
1299-4
7281-10

Cont - Superfund sites

- ① Aerodynamics Plating Co. - Inc. - GARDENA
- ② AEROTON Supply INC. - GARDENA
- ③ AIR PRODUCTS & CHEM. INC. CARSON
- ④ ALADDIN PLASTICS INC. - GARDENA
- ⑤ ALAMEDA ST. SAN LOPEL - CARSON
- ⑥ AMERICAN HONDA MOTOR - TORRANCE
- ⑦ AMOCO CHEMICALS Corp - TORRANCE
- ⑧ ANGELUS PLATING WORKS - GARDENA
- ⑨ ASSOC. SPRING - GARDENA
- ⑩ AUTOMATED ETCHING CO. GARDENA
- ⑪ AVALON STAPLE MFG - GARDENA
- ⑫ BEE CHEMICAL CO. - GARDENA
- ⑬ BORDEN CHEM. - CARSON
- ⑭ CAL Compact - CARSON
- ⑮ CAST RITE - GARDENA
- ⑯ ? Location - COAST PLATING - GARDENA
- ⑰ Coastal Plating (NOM) - GARDENA
- ⑱ P&M MACHINE - TORRANCE
- ⑲ DE-BEST MFG. (NOM) - CARSON
- ⑳ DEEPWATER CHEM (NOM) - CARSON
- ㉑ DOW CHEM - TORRANCE
- ㉒ EDEN NATIONAL STEEL - TORRANCE
- ㉓ ELECTRO BLEACH (NOM) - GARDENA
- ㉔ ELECTRONIC PLATING (N.O.M.) - GARDENA
- ㉕ GARDENA SUPPLY (N.O.M.) - GARDENA
- ㉖ GARDENA VALLEY LANDFILL (N.O.M.) CARSON
- ㉗ GOLDEN EAGLE REFINING (N.O.M.) - CARSON
- ㉘ GOLDEN STATE RUBBER & LATEX (N.O.M.) - GARDENA
- ㉙ INDUSTRIAL MOLDING (N.O.M.) - GARDENA
- ㉚ INDUSTRIAL MOLDING E - TORRANCE
- ㉛ INDUSTRIAL PROCESS CHEM (~~NOM~~) - CARSON
- ㉜ INDUSTRIAL TUBE CORP. - CARSON

301 000016

- (33) INTERWEB/RR DENNELLEY & SONS CO. - TORRANCE
 (34) INTL ANODIZING CORP. OF CA. - TORRANCE
 (35) JOHNS MANVILLE PCT (N.O.M.) - CARSON
 (36) KALLOE Supply INC. (N.O.M.) - CARSON
 (37) LAWSON Enterprises - TORRANCE
 (38) LIQUID CHEM. CORP. (N.O.M.) - CARSON
 (39) LOS ANG. CO. SAN. DIST. JOINT WPCP (- CARSON
 (40) MARTIN ADAMS Duff - (N.O.M.) - CARSON
 (41) MECHANICAL METAL FINISHING (- GARDENA
 (42) MERRILL CO. INC. (N.O.M.) - GARDENA
 (43) MOBIL OIL CORP - TORRANCE
 (44) MODERN HEAT TREATING CO. (~~MODERN~~) - GARDENA
 (45) MOEN FOAM CO. - CARSON
 (46) MONTROSE CHEM. CORP - TORRANCE
 (47) PACIFIC BRASS WELDING CO. INC. (A.L.O.M.) - TORRANCE
 (48) PACIFIC SMELTING CO. - TORRANCE
 (49) PUNKER IND. DIV. ETC. (N.O.M.) - CARSON
 (50) RITE PROCESSING (N.O.M.) - GARDENA
 (51) RAM CHEM (N.O.M.) - GARDENA
 (52) REX Precision PROD. INC. (N.O.M.) - GARDENA
 (53) REYNOLDS METALS CO. - TORRANCE
 (54) ~~REX~~ SHELL OIL CO. DOMINGUEZ FAC. - CARSON
 (55) SOIL MGMT METHOD INC. (N.O.M.) - CARSON
 (56) SONIC PLATING (N.O.M.) - GARDENA
 (57) SOUTHWEST CONSERVATION (~~SOUTHWEST~~) - CARSON
 (58) SPERRY REMINGTON - TORRANCE
 (59) STAUFFER CHEMICAL CO. - CARSON
 (60) TED HAMMILL (N.O.M.) - CARSON
 (61) TORRANCE LANDFILL (A.L.O.M.) - TORRANCE
 (62) TREE ISLAND STEEL (N.O.M.) - CARSON
 (63) TYLAN CORP. - TORRANCE
 (64) UNION CARBIDE - TORRANCE
 (65) VENUS LABORATORIES 301 000017 - CARSON

- (66) VICTORIA GOLF COURSE - CARSON
- (67) VINCO MANUFACTURING CO. (N.O.M.) - CARSON
- (68) WATSON CANYON + CHAN (N.O.M.) - CARSON
- (69) WERDIN DUMP (A.L.O.M.) - CARSON
- (70) WESTERN AIR CONDITIONING CO. - TORRANCE
- (71) WESTERN CONCRETE STRUCTURE (N.O.M.) - CARSON
- (72)

- (2-1) U.S. STEEL - TORRANCE
- (2-2) ROYAL BLUE STEEL - CARSON
- (2-3) AMERICAN STANDARD INC. (A.L.O.M.) - TORRANCE
- (2-4) DOWNS ST. DISPOSAL SITE - CARSON
- (2-5) BROADWAY - MAIN LANDFILL - CARSON
- (2-6) SOUTHWEST CONSERVATION INC. (A.R.O.M.) - CARSON
- (2-7) GARDEN A VALLEY - CARSON
- (2-8)

October 7, 1988

Coca-Cola Enterprises
1334 South Central Avenue
Los Angeles, California

Project No: 10221-00
Report No: 8-0368

Attention: Mr. Raul Ramirez

Subject: Preliminary Results of an Environmental Assessment
of the South Bay Warehouse Facility
Pacific Gateway Drive
Torrance, California

Gentlemen:

Pursuant to our recent conversations regarding an environmental assessment at the subject property, this letter is to inform you that an area of subsurface contamination has been found. During drilling operations for a geotechnical (foundation) investigation, our field geologist noted a possible petroleum hydrocarbon odor in Boring Number B-3. This boring is located near the northwest corner of the site. First phase laboratory analysis of a soil sample collected from this boring showed concentrations of petroleum hydrocarbons of 850 mg/kg. Additional analyses of this sample are currently being conducted to determine the individual constituents of the hydrocarbons identified in this sample. In the time between drilling operations and now, it has been determined that a clarifier exists at or near the location of B-3. At your direction, we are currently in the process of scheduling drilling equipment to further investigate the horizontal and vertical extent of the contamination and we anticipate implementing the drilling on Monday, October 10, 1988.

In terms of the ramifications of the finding of this clarifier and apparently related soil contamination, there will be a cost to someone associated with this site to remove the clarifier and in some way mitigate all resulting contaminated materials. This mitigation is in accordance with current Federal, State, and local guidelines regulating contamination of this nature. We recommend that Coca-Cola address this issue in their transaction to purchase

301 000018

October 7, 1988

Project No: 10221-00
Report No: 8-0368
Page No: 2

this site. We will keep you informed of all results as this investigation progresses. If you have any questions, please call.

Very truly yours,

STONEY-MILLER CONSULTANTS, INC.



Gary T. Carlin
Consulting Environmental Geologist

GTC:jz

301 000019

OCTOBER 7, 1988

Coca-Cola Enterprises
1334 South Central Avenue
Los Angeles, California

Attn: Mr. Raul Ramirez

Subject: Preliminary results of an Environmental Assessment of
the South Bay Warehouse Facility, Pacific Gateway Drive,
Torrance, California.

Gentlemen:

Pursuant to our recent conversations regarding an environmental assessment at the subject property, this letter is to inform you that an area of subsurface contamination has been found. During drilling operations for a geotechnical (foundation) investigation, our field geologist noted a possible petroleum hydrocarbon odor in Boring Number B-3. This boring is located near the northwest corner of the site. First phase laboratory analysis of a soil sample collected from this boring showed concentrations of petroleum hydrocarbons of 850 mg/kg. Additional analyses of this sample are currently being conducted to determine the individual constituents of the hydrocarbons identified in this sample. In the time between drilling operations and now, it has been determined that a clarifier exists at or near the location of B-3. At your direction, we are currently in the process of scheduling drilling equipment to further investigate the horizontal and vertical extent of the contamination and we anticipate implementing the drilling on Monday 10/10/88.

In terms of the ramifications of the finding of this clarifier and apparently related soil contamination, there will be a cost to someone associated with this site to remove the clarifier and in some way mitigate all resulting contaminated materials. This mitigation is in accordance with current federal State and Local guidelines regulating contamination of this nature. We recommend that Coca-Cola address this issue in ~~the~~ transaction to purchase this site. We will keep you informed of all results as this investigation progresses. If you have any questions, please call.

Very Truly Yours

Gary T. Carlin
Consulting Environmental Geologist

301 000020



STONEY-MILLER CONSULTANTS, INC.
GEOTECHNICAL ENGINEERING & ENGINEERING GEOLOGY

October 27, 1988

Mr. Miles P. Fischer

Subject: Letter of transmittal for a letter to Coca Cola regarding the status of an ongoing Environmental Assessment of the South Bay Warehouse Facility, Pacific Gateway Drive, Torrance, California.

Dear Mr. Fischer:

At the direction of Mr. Raul Ramirez of Coca Cola Enterprises, Stoney-Miller Consultants, Inc. is transmitting the attached letter. If you have any questions, please call.

Very Truly Yours,

Stoney-Miller Consultants, Inc.

A handwritten signature in black ink, reading 'Gary T. Carlin'. The signature is fluid and cursive, with the first name 'Gary' being the most prominent.

Gary T. Carlin
Consulting Environmental Geologist

cc: Mr. Raul Ramirez
Mr. Paul Schlarman
Mr. Daniel Herscher
Ms. Joy Crose

301 000021



STONEY-MILLER CONSULTANTS, INC.

GEOTECHNICAL ENGINEERING & ENGINEERING GEOLOGY

October 26, 1988

Coca-Cola Enterprises
1334 South Central Avenue
Los Angeles, California

Project No: 10221-00
Report No: 8-0390

Attn: Mr. Raul Ramirez

Subject: Update of findings regarding an ongoing Environmental Assessment of the South Bay Warehouse Facility, Pacific Gateway Drive, Torrance, California.

Gentlemen:

The purpose of this letter is to update Coca-Cola Enterprises regarding the ongoing environmental assessment on the subject site. As referenced in our letter of October 7, 1988, subsurface contamination has been found at the site. Stoney-Miller Consultants Inc. (SMC) has recently conducted additional limited subsurface investigation in this area of the site to determine if the contamination is a localized problem or more general. Two general conclusions that we can make at this time regarding the contamination issue are as follows:

- o A portion of the subsurface contamination extends to the eastern property line adjacent to the rail road tracks; and
- o Based on results of laboratory analyses, the depth of contamination appears to be shallow, (i.e zero to 8 feet deep). Clean samples have been collected below these depths.

SMC does not know the horizontal extent of this contamination at this time. An understanding of the extent of contamination will require additional drilling and sampling. Due to the relatively shallow nature of the contamination, extensive deep drilling is not anticipated.

Another area of concern regarding this matter, involves the close proximity of a number of Environmental Protection Agency superfund sites. Our records indicate five EPA superfund sites within a few blocks of the subject project, including without limitation the adjacent property to the north owned by RR Donnelly. SMC is currently attempting to obtain more specific data regarding the nature of any contamination that might be associated with these superfund sites. However, we are experiencing difficulty obtaining the information in a timely manner, due to government regulatory protocol regarding issues of this matter. At this point we have discovered that the State Of

October 26, 1988

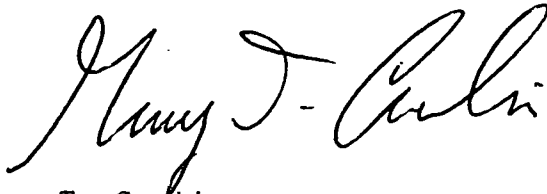
Project No: 10221-00
Report No: 8-0390
Page No: 2

California Department Of Health Services has a file on four of the five sites in question and has conceded us an appointment to review these files on Monday, October 31. It is SMC's position that we can not properly advise you of the types of risks Coca Cola might be accepting regarding the purchase of the subject site until we have had an opportunity to review these files.

If you have any questions regarding this matter, please call.

Very Truly Yours,

Stoney-Miller Consultants, Inc.

A handwritten signature in cursive script, reading "Gary T. Carlin". The signature is written in dark ink and is positioned above the printed name and title.

Gary T. Carlin
Consulting Environmental Geologist

GTC:jz

301 000023



A Plus

Office Products & Services
COMMERCIAL SPECIALISTS

10 HUGHES STREET
SUITE A-105
IRVINE, CALIFORNIA 92718
(714) 837-5070
FAX: (714) 830-8239

FACSIMILE TRANSMISSION SHEET

DATE 3/3/89

TO Neil Allen
Ancon Environmental

FROM Stoney - Miller Consultants, Inc.

REGARDING Coca Cola

NUMBER OF PAGES TO FOLLOW:

CALL IF YOU DO NOT RECEIVE ALL OF THIS TRANSMISSION.

301 000024



STONEY-MILLER CONSULTANTS, INC.
GEOTECHNICAL ENGINEERING & ENGINEERING GEOLOGY

DRAFT

October 13, 1989

Coca-Cola Enterprises
1334 South Central Avenue
Los Angeles, California 90021

Project No: 10221-00
Report No: 9-0931

Attention: Mr. Raul Ramirez

Subject: Distribution of Environmental Consulting Services Charges for Work Conducted Relative to Subsurface Contamination Beneath the Previously Existing Building and Outside the Previously Existing Building at Your Carson, California, Facility on Pacific Gateway Drive.

Gentlemen:

Pursuant to your request, Stoney-Miller Consultants, Inc., has prepared this letter to assist Coca-Cola Enterprises in establishing the distribution of Environmental Consulting Services charges at the subject site. It is our understanding, based on prior conversations with Mr. Raul Ramirez, that the seller is, to a limited extent, financially responsible for all incurred expenses relative to contamination found beneath the previously existing building, and that Coke is responsible for other contamination outside the building area. It is also our understanding that the information provided in this letter will be utilized to establish the seller's and Coca-Cola Enterprises' financial responsibility for the costs that have been incurred to date. Stoney-Miller Consultants has separated these costs into three categories as follows:

1. Consulting services costs incurred prior to any investigation or removal operations conducted beneath the building.
2. Consulting services costs incurred for contaminated soil removed from beneath the previously existing building.

301 000025

October 13, 1989

DRAFT

Project No: 10221-00
Report No: 9-0931
Page No: 2

- 2A. Consulting services costs incurred for investigative procedures conducted (generally consisting of drilling, sampling, technical direction) to determine if any additional contaminated soil was at the site.

Further explanations and an estimate of the division of the related costs incurred are provided below.

Category

- 1 This item includes costs incurred for all geotechnical services conducted and all environmental services conducted prior to May 22, 1989. This is the date, based on a review of our files, that removal operations began beneath the previously existing building. Based on our understanding of the distribution of financial responsibility, it is Stoney-Miller Consultant's opinion that Coca-Cola Enterprises is responsible for 100 percent of these costs. Our calculations indicate this amount to be \$36,275.60.
- 2 & 2A Item 2 includes costs incurred for all environmental services included pursuant to the removal of contaminated soil after May 22, 1989. It is Stoney-Miller Consultant's opinion that approximately 50 percent of the removal effort was concentrated on soil from outside the building, and 50 percent of the effort was pursuant to the removal of soil from beneath the previously existing building.

Item 2A includes costs incurred for all environmental services for drilling and sampling to determine if additional contaminated soil exists, other than that quantity already established by the original investigation conducted prior to Coca-Cola Enterprises' purchase of the site. It is Stoney-Miller Consultants' opinion that, based on an evaluation of the depth number and location of borings drilled, 50 percent of the effort was pursuant to drilling outside the building, and 50 percent was utilized to drill beneath the existing building.

Based on our opinion that the distribution of costs from both items 2 and 2A are 50 percent for the seller and 50 percent for Coca-Cola Enterprises, no effort was made to separate the actual costs incurred for each item. Our calculations indicate the distribution of

301 000026

DRAFT

October 13, 1989

Project No: 10221-00
Report No: 9-0931
Page No: 3

financial responsibility for items 2 and 2A to be as follows:

Coca-Cola Enterprises: \$ 10,342.50

Seller: \$ 10,342.50

The majority of the costs invoiced to date have been paid in full by Coca-Cola Enterprises. The exception to this is that there are a few outstanding unpaid charges for services that have only recently been provided and invoiced. Stoney-Miller Consultants, Inc., hopes that the above information is useful in obtaining an agreement between Coca-Cola Enterprises and the seller. If you have any questions, please call.

Very truly yours,

STONEY-MILLER CONSULTANTS, INC.

Gary T. Carlin
Consulting Environmental Geologist

GTC:vlt

301 000027



STONEY-MILLER CONSULTANTS, INC.
GEOTECHNICAL ENGINEERING & ENGINEERING GEOLOGY

FACSIMILE TRANSMISSION SHEET

DATE: 7/10/89

TO: COCA COLA -
ATTN: MR. RAUL RAMIREZ

FROM: STONEY-MILLER CONSULTANTS
GARY CARLIN

SUBJECT: SUMMARY LETTER TO DOHS

NUMBER OF PAGES TO FOLLOW: 4

CALL IF YOU DO NOT RECEIVE ALL OF THIS TRANSMISSION

301 000028



STONEY-MILLER CONSULTANTS, INC.
GEOTECHNICAL ENGINEERING & ENGINEERING GEOLOGY

FACSIMILE TRANSMISSION SHEET

DATE: 10-13-89

TO:

Paul Ramirez
Coca-Cola

FROM:

Mike Miller

SUBJECT:

NUMBER OF PAGES TO FOLLOW:

3

CALL IF YOU DO NOT RECEIVE ALL OF THIS TRANSMISSION

301 000029

October 13, 1989

Coca-Cola Enterprises
1334 South Central Avenue
Los Angeles, California 90021

Project No: 10221-00
Report No: 9-0931

Attention: Mr. Raul Ramirez

Subject: Distribution of Environmental Consulting Services
Charges for Work Conducted Relative to Subsurface
Contamination Beneath the Previously Existing
Building and Outside the Previously Existing
Building at Your Carson, California, Facility on
Pacific Gateway Drive.

Gentlemen:

Pursuant to your request, Stoney-Miller Consultants, Inc., has prepared this letter to assist Coca-Cola Enterprises in establishing the distribution of Environmental Consulting Services charges at the subject site. It is our understanding, based on prior conversations with Mr. Raul Ramirez, that the seller is, to a limited extent, financially responsible for all incurred expenses relative to contamination found beneath the previously existing building, and that Coke is responsible for other contamination outside the building area. It is also our understanding that the information provided in this letter will be utilized to establish the seller's and Coca-Cola Enterprises' financial responsibility for the costs that have been incurred to date. Stoney-Miller Consultants has separated these costs into three categories as follows:

1. Consulting services costs incurred prior to any investigation or removal operations conducted beneath the building.
2. Consulting services costs incurred for contaminated soil removed from beneath the previously existing building.

301 000030

10:50 -

10221-00

9-0931

Coca-Cola Enterprises
1334 South Central Avenue
Los Angeles, California 90021

Attn: Mr. Raul Ramirez

Subject: Distribution of environmental consulting services charges for work conducted relative to subsurface contamination beneath the previously existing building and outside the previously existing building at your Carson, California facility on Pacific Gateway Drive.

Gentlemen:

Pursuant to your request, Stoney-Miller Consultants Inc. (SMC) has prepared this letter to assist Coca-Cola Enterprises (Coke) in establishing the distribution of Environmental Consulting Services charges at the subject site. It is our understanding, based on prior conversations with Mr. Raul Ramirez that the seller is, to a limited extent, financially responsible for all incurred expenses relative to contamination found beneath the previously existing building and that Coke is responsible for other contamination outside the building area. It is also our understanding that the information provided in this letter will be utilized to establish the seller's and Coke's financial responsibility for the cost that have been incurred to date. SMC has separated ~~the to date~~ costs into three categories as follows:

- 1) Consulting services costs incurred prior to any investigation or removal operations conducted beneath the building.
- 2) Consulting services costs incurred for contaminated soil removed from beneath the previously existing building.
- 2A) Consulting services costs incurred for investigative procedures conducted (generally consisting of drilling, sampling, technical direction) to determine if any additional contaminated soil was at the site.

Further explanations and an estimate of the division of the related costs incurred are provided below.

Category

- 1 This item includes costs incurred for all geotechnical services conducted and all environmental services conducted prior to May 22, 1989. This is the date, based on a review of our files, that removal operations began beneath the previously existing building. Based on ^{our} understanding of the distribution of financial responsibility, it is SMC's

301 000031

opinion that Coke is responsible for 100 percent of these costs. Our calculations indicate this amount to be \$ 36,275.60

2 & 2A Item 2 includes costs incurred for all environmental services included pursuant to the removal of contaminated soil after May 22, 1889. It is SMC's opinion that approximately 50 percent of the removal effort was concentrated on soil from outside the building and 50 percent of the effort was pursuant to the removal of soil from beneath the previously existing building.

Item 2A includes cost^s incurred for all environmental services ~~included~~ for drilling and sampling ~~services~~ to determine if ~~any~~ ^{approximately} contaminated soil exists, other than that quantity already established ~~in~~ the original investigation conducted prior to Coke's purchase of the site. It is SMC's opinion that based on ~~the amount of effort provided~~ and an evaluation of the depth^s ~~and numbers~~ ^{of} borings drilled, ~~that~~ 50 percent ~~of the effort was pursuant to drilling outside and 50 percent was for drilling beneath the previously existing building.~~

Based on our opinion that the distribution of costs from both items 2 and 2A are 50 percent for the seller and 50 percent for Coke, no effort was made to separate the actual costs incurred for each item. Our calculations indicate the distribution of financial responsibility for items 2 and 2A to be as follows:

Coke: \$ 10,342.50

Seller: \$ 10,342.50

The majority of the costs invoiced to date have been paid in full by Coke. The exception to this is that there are a few outstanding unpaid charges for services that have only recently been provided and invoiced. SMC hopes that the above information is useful in obtaining an agreement between Coke and the seller. If you have any questions please call.

Very Truly Yours
Stoney-Miller Consultants Inc.

Gary T. Carlin
Consulting Environmental Geologist

301 000032

IMPORTANT MESSAGEFOR Mike MillerDATE 10/12/79 TIME _____ A.M.
P.M.M. Ed Cieslak

OF _____

PHONE _____
AREA CODE NUMBER EXTENSION

TELEPHONED		PLEASE CALL	
CAME TO SEE YOU		WILL CALL AGAIN	
WANTS TO RETURN		PLEASE	
RETURNED YOUR CALL		SPECIAL ATTENTION	

MESSAGE Our FAX is
Down. Can you
send this to Ram?SIGNED Ed
LITHO IN U.S.A.

TOPS 3002-P

AMERICAN STANDARD OFFICE SUPPLY
(714) 837-8430

301 000033

Coca-Cola Enterprises
1334 South Central Avenue
Los Angeles, California 90021

DRAFT

Attn: Mr. Raul Ramirez

Subject: Distribution of environmental consulting services charges for work conducted relative to subsurface contamination beneath the previously existing building and outside the previously existing building at your Carson, California facility on Pacific Gateway Drive.

Gentlemen:

Pursuant to your request, Stoney-Miller Consultants Inc. (SMC) has prepared this letter to assist Coca-Cola Enterprises (Coke) in establishing the distribution of Environmental Consulting Services charges at the subject site. It is our understanding, based on prior conversations with Mr. Raul Ramirez that the seller is to a limited extent financially responsible for all incurred expenses relative to contamination found beneath the previously existing building and that Coke is responsible for other contamination outside the building area. It is also our understanding that the information provided in this letter will be utilized to establish the seller's and Coke's financial responsibility for the cost that have been incurred to date. SMC has separated the to date costs into three categories as follows:

- 1) Consulting services costs incurred prior to any investigation or removal operations conducted beneath the building.
- 2) Consulting services costs incurred for contaminated soil removed from beneath the previously existing building.
- 2A) Consulting services costs incurred for investigative procedures conducted (generally consisting of drilling, sampling, technical direction) to determine if any additional contaminated soil was at the site.

Further explanations and an estimate of the division of the related costs incurred are provided below.

Category

- 1 This item includes costs incurred for all geotechnical services conducted and all environmental services conducted prior to May 22, 1989. This is the date, based on a review of our files, that removal operations began beneath the previously existing building. Based on understanding of the distribution of financial responsibility, it is SMC's

301 000034

DRAFT

opinion that Coke is responsible for 100 percent of these costs. Our calculations indicate this amount to be \$ 36,275.60

2 & 2A Item 2 includes costs incurred for all environmental services included pursuant to the removal of contaminated soil after May 22, 1889. It is SMC's opinion that approximately 50 percent of the removal effort was concentrated on soil from outside the building and 50 percent of the effort was pursuant to the removal of soil from beneath the previously existing building.

Item 2A includes cost incurred for all environmental services included for drilling and sampling services to determine if any contaminated soil exists, other than that quantity already established in the original investigation conducted prior to Coke's purchase of the site. It is SMC's opinion that based on the amount of effort provided and an evaluation of the depths and numbers of borings drilled, that 50 percent of the effort was pursuant to drilling outside and 50 percent was for drilling beneath the previously existing building.

Based on our opinion that the distribution of costs from both items 2 and 2A are 50 percent for the seller and 50 percent for Coke, no effort was made to separate the actual costs incurred for each item. Our calculations indicate the distribution of financial responsibility for items 2 and 2A to be as follows:

Coke: \$ 10,342.50

Seller: \$ 10,342.50

The majority of the costs invoiced to date have been paid in full by Coke. The exception to this is that there are a few outstanding unpaid charges for services that have only recently been provided and invoiced. SMC hopes that the above information is useful in obtaining an agreement between Coke and the seller. If you have any questions please call.

Very Truly Yours
Stoney-Miller Consultants Inc.

Gary T. Carlin
Consulting Environmental Geologist

301 000035

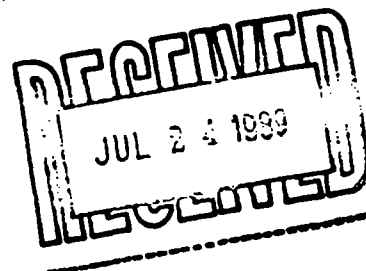
DEPARTMENT OF HEALTH SERVICES

TOXIC SUBSTANCES CONTROL DIVISION

REGION 4

245 WEST BROADWAY, SUITE 350
LONG BEACH, CA 90802
(213) 590-4868

July 21, 1989



Mr. Michael J. Miller, P.E.
Stoney-Miller Consultants, Inc.
14 Hughes, Suite B-101
Irvine, California 92718

Attn: Gary Carlin

Dear Mr. Miller:

RECENTLY ACQUIRED PROPERTY OF COCA COLA ENTERPRISES IN THE CARSON-TORRANCE AREA OF THE CITY OF LOS ANGELES, CALIFORNIA AT 19875 PACIFIC GATEWAY DRIVE

We have completed our review of your letter report, hand delivered to this office on July 11, 1989 and have the following comments.

Your property lies about 1,300 feet north of the Del Amo Hazardous Waste Site. This site consists of waste disposal ponds and sumps that were used by a former synthetic rubber manufacturing complex. The types of wastes disposed in these ponds include volatile and semi-volatile organic substances such as benzene, styrene and naphthalene. It is believed that the complex covered the entire area bordered by 190th Street to the north, Del Amo Boulevard to the south, Normandie Avenue to the west, and Vermont Avenue and Hamilton Avenue to the east. Documents in our files indicate that there were manufacturing areas, underground and above ground tanks, underground lines, and possible sumps that may be sources of soil and ground water contamination. Soils and ground water beneath the Del Amo Site are contaminated by hazardous substances believed to have originated from the disposal ponds and sumps.

Because of the contaminant problems associated with the Del Amo disposal areas, we have referred the Site to the U.S. Environmental Protection Agency (EPA) for consideration for the National Priorities List. The Department of Health Services (DHS) Toxic Substances Control Division is also evaluating the entire area of the former rubber manufacturing complex as a source of ground water contamination. The high levels of naphthalene and phenanthrene that you discovered at the subject location may be associated with the synthetic rubber manufacturing operations once conducted on your property because these same chemicals were also found at the Del Amo site. We suggest that you make a thorough historical search of your property to determine the types of past operations that may be causing the contamination. Should you have any plans to remediate the contamination on this property, this office would review those plans prior to proceeding.

301 000036

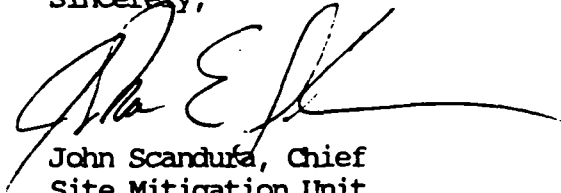
Mr. Michael J. Miller. P.E.

Page 2

July 21, 1989

If you have any questions, please contact Julia Bussey or Alice Gimeno at (213) 590-4856.

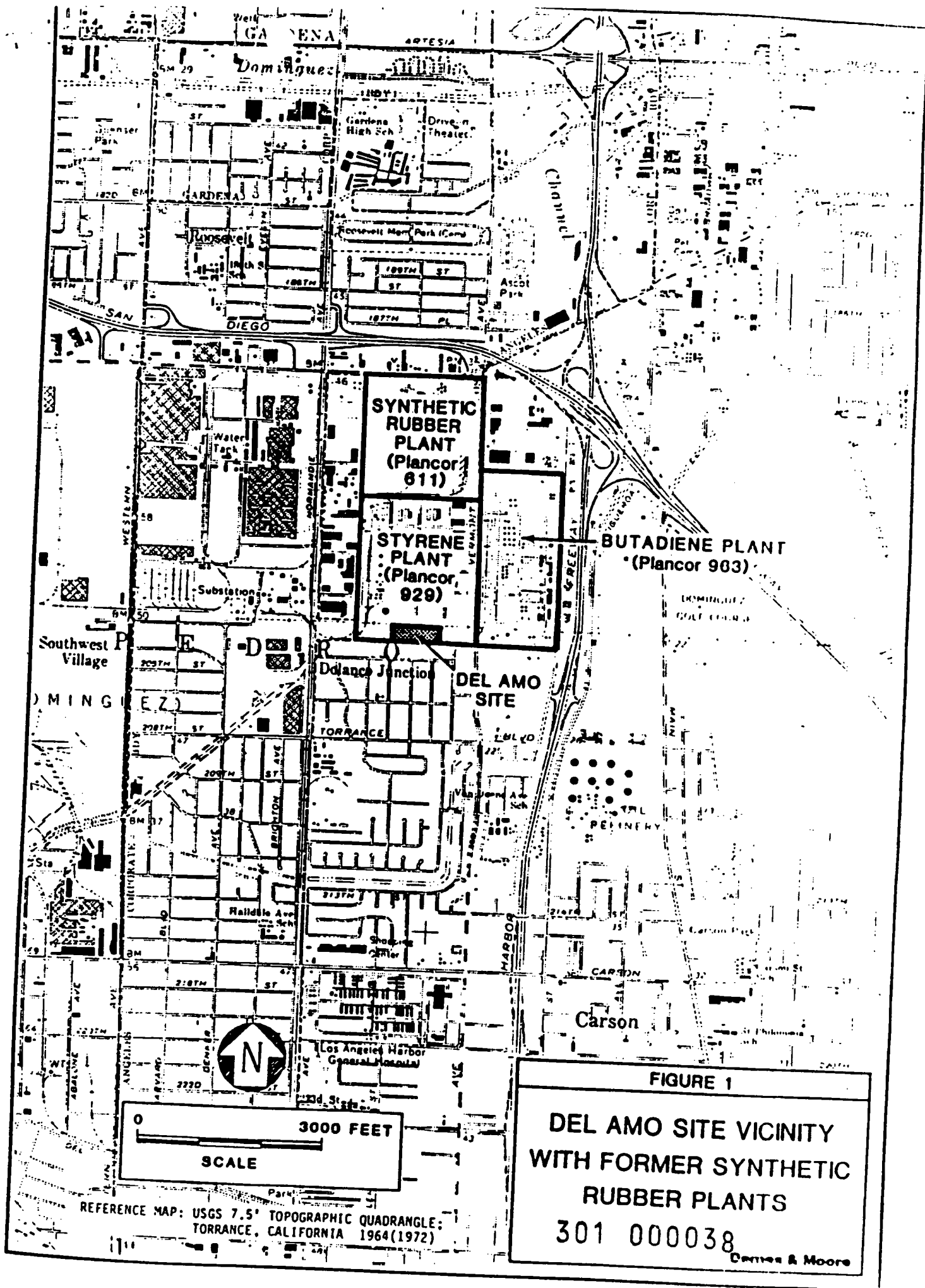
Sincerely,

A handwritten signature in black ink, appearing to read 'J. Scandura', with a long horizontal flourish extending to the right.

John Scandura, Chief
Site Mitigation Unit
Region 4 (Long Beach)
Toxic Substances Control Division

Enclosure

301 000037



RESPONSIBLE PARTY-LEAD SITE CLEANUP WORKPLAN

DEL AMO BOULEVARD

I. Site Information

A. Location and Type of Site

Del Amo Boulevard
Between Vermont and Normandie
Torrance, CA 90502
Los Angeles

The site consists of waste disposal ponds that were used by a former synthetic rubber manufacturing complex. The site operations ceased in the early 1970s and the disposal areas were covered over with soil and later sold to a series of land development corporations. Currently, the site is fenced and posted and there is little visual evidence of disposal activities.

B. Description of Hazardous Wastes

The disposal areas consisted of three large, shallow evaporation ponds and six sumps that were used from the mid-1950s until the mid-1960s for disposal of aqueous sludges produced during synthetic rubber manufacture. These ponds contain high levels of polynuclear aromatic hydrocarbons (PNAs) and lower levels of volatile organic compounds (VOCs).

Substances of concern that were found in various studies include benzene, toluene, ethylbenzene, dichlorobenzene, naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(a)pyrene, dibenzo(a,h)anthracene, ideno(1,2,3-c,d)pyrene, and benzo(ghi)perylene.

Shallow ground water beneath the site has been found to be contaminated with primarily volatile organic compounds, including benzene, and toluene.

C. Threat to Public Health and Environment

Although the disposal areas have been inactive for some time, residents are located within 500 feet of the site, and may be threatened by contaminants migrating in subsurface soils and ground water. Potential pathways for exposure include release of adverse air emissions during site disturbance, movement of contaminants from the perched water table to deeper drinking water aquifers, and migration of a static organic vapor plume to underlying residential areas. Under current, undisturbed conditions, the site has little impact upon local

air quality.

The degree of health hazard posed by chemical contamination of a site depends on the concentration of the material present and the duration of exposure. DHS policy is to evaluate all listed hazardous substance release sites for the need to take action to abate any acute public health or environmental threats posed by a site. Therefore, the threats described in this document generally represent the potential impact of long-term exposure to specific hazardous substances if: 1) the site is not abated, 2) the substances migrate offsite, and 3) the substances at some point come into contact with human or environmental receptors.

II. Site Status

A. Status of Site Activity

Site characterization studies were conducted by the land owner in 1984 and by the Department in 1986 and 1987. An agreement was signed by potential responsible parties (PRPs) to conduct a feasibility study for remediating the onsite soil contamination under DHS oversight. A ground water study by EPA was conducted mid-1988 to determine if substances released from the Del Amo Site were entering usable aquifers.

B. Projected Revenue Sources

The responsible parties have entered into an enforceable agreement with DHS for oversight/monitoring of their cleanup efforts. DHS has budgeted \$200,000 for related direct costs. DHS will recover 100 percent of direct costs plus staff costs and overhead related to the project. DHS expects responsible parties to pay all costs associated with site cleanup.

III. Project Completion Estimates

The estimates shown below reflect completion of major site cleanup phases based on current information regarding this site and responsible party cleanup plans and completed actions.

<u>Task Group</u>	<u>Estimated Completion</u>
1. <u>Site Characterization</u>	
a) Remedial Action Order	March 1988
b) Remedial Investigation/ Feasibility Study	Oct. 1990
2. <u>Remedial Action Plan</u>	April 1991
3. <u>Remedial Action</u>	
a) Design	Oct. 1991
b) Implementation	April 1992
c) Certification	June 1992
4. <u>Cost Recovery and/or Operation and Maintenance</u>	
a) Cost Recovery	June 1994
b) Operation and Maintenance	10-15 yrs

See Appendix

October 7, 1988

Coca-Cola Enterprises
1334 South Central Avenue
Los Angeles, California

Project No: 10221-00
Report No: 8-0368

Attention: Mr. Raul Ramirez

Subject: Preliminary Results of an Environmental Assessment
of the South Bay Warehouse Facility
Pacific Gateway Drive
Torrance, California

Gentlemen:

Pursuant to our recent conversations regarding an environmental assessment at the subject property, this letter is to inform you that an area of subsurface contamination has been found. During drilling operations for a geotechnical (foundation) investigation, our field geologist noted a possible petroleum hydrocarbon odor in Boring Number B-3. This boring is located near the northwest corner of the site. First phase laboratory analysis of a soil sample collected from this boring showed concentrations of petroleum hydrocarbons of 850 mg/kg. Additional analyses of this sample are currently being conducted to determine the individual constituents of the hydrocarbons identified in this sample. In the time between drilling operations and now, it has been determined that a clarifier exists at or near the location of B-3. At your direction, we are currently in the process of scheduling drilling equipment to further investigate the horizontal and vertical extent of the contamination and we anticipate implementing the drilling on Monday, October 10, 1988.

In terms of the ramifications of the finding of this clarifier and apparently related soil contamination, there will be a cost to someone associated with this site to remove the clarifier and in some way mitigate all resulting contaminated materials. This mitigation is in accordance with current Federal, State, and local guidelines regulating contamination of this nature. We recommend that Coca-Cola address this issue in their transaction to purchase

301 000042

October 7, 1988

Project No: 10221-00
Report No: 8-0368
Page No: 2

this site. We will keep you informed of all results as this investigation progresses. If you have any questions, please call.

Very truly yours,

STONEY-MILLER CONSULTANTS, INC.


Gary T. Carlin
Consulting Environmental Geologist

GTC:jz

301 000043

October 13, 1989

Coca-Cola Enterprises
1334 South Central Avenue
Los Angeles, California 90021

Project No: 10221-00
Report No: 9-0931

Attention: Mr. Raul Ramirez

Subject: Distribution of Environmental Consulting Services
Charges for Work Conducted Relative to Subsurface
Contamination Beneath the Previously Existing
Building and Outside the Previously Existing
Building at Your Carson, California, Facility on
Pacific Gateway Drive.

Gentlemen:

Pursuant to your request, Stoney-Miller Consultants, Inc., has prepared this letter to assist Coca-Cola Enterprises in establishing the distribution of Environmental Consulting Services charges at the subject site. It is our understanding, based on prior conversations with Mr. Raul Ramirez, that the seller is, to a limited extent, financially responsible for all incurred expenses relative to contamination found beneath the previously existing building, and that Coke is responsible for other contamination outside the building area. It is also our understanding that the information provided in this letter will be utilized to establish the seller's and Coca-Cola Enterprises' financial responsibility for the costs that have been incurred to date. Stoney-Miller Consultants has separated these costs into three categories as follows:

1. Consulting services costs incurred prior to any investigation or removal operations conducted beneath the building.
2. Consulting services costs incurred for contaminated soil removed from beneath the previously existing building.

301 000044

October 13, 1989

Project No: 10221-00
Report No: 9-0931
Page No: 2

- 2A. Consulting services costs incurred for investigative procedures conducted (generally consisting of drilling, sampling, technical direction) to determine if any additional contaminated soil was at the site.

Further explanations and an estimate of the division of the related costs incurred are provided below.

Category

- 1 This item includes costs incurred for all geotechnical services conducted and all environmental services conducted prior to May 22, 1989. This is the date, based on a review of our files, that removal operations began beneath the previously existing building. Based on our understanding of the distribution of financial responsibility, it is Stoney-Miller Consultant's opinion that Coca-Cola Enterprises is responsible for 100 percent of these costs. Our calculations indicate this amount to be \$36,275.60.
- 2 & 2A Item 2 includes costs incurred for all environmental services included pursuant to the removal of contaminated soil after May 22, 1989. It is Stoney-Miller Consultant's opinion that approximately 50 percent of the removal effort was concentrated on soil from outside the building, and 50 percent of the effort was pursuant to the removal of soil from beneath the previously existing building.

Item 2A includes costs incurred for all environmental services for drilling and sampling to determine if additional contaminated soil exists, other than that quantity already established by the original investigation conducted prior to Coca-Cola Enterprises' purchase of the site. It is Stoney-Miller Consultants' opinion that, based on an evaluation of the depth number and location of borings drilled, 50 percent of the effort was pursuant to drilling outside the building, and 50 percent was utilized to drill beneath the existing building.

Based on our opinion that the distribution of costs from both items 2 and 2A are 50 percent for the seller and 50 percent for Coca-Cola Enterprises, no effort was made to separate the actual costs incurred for each item. Our calculations indicate the distribution of

301 000045

October 13, 1989

Project No: 10221-00
Report No: 9-0931
Page No: 3

financial responsibility for items 2 and 2A to be as follows:

Coca-Cola Enterprises: \$ 10,342.50

Seller: \$ 10,342.50

All of the above costs have been invoiced and paid in full by Coca-Cola Enterprises. There are a few outstanding unpaid charges for services that have only recently been provided and invoiced. Stoney-Miller Consultants, Inc., hopes that the above information is useful in obtaining an agreement between Coca-Cola Enterprises and the seller. If you have any questions, please call.

Very truly yours,

STONE-MILLER CONSULTANTS, INC.

Michael J. Miller, G.E. 597
Geotechnical Engineer

MJM:vlt

Distribution: Addressee (2)

301 000046



STONEY-MILLER CONSULTANTS, INC.
GEOTECHNICAL ENGINEERING & ENGINEERING GEOLOGY

November 16, 1988

Coca-Cola Enterprises
1334 South Central Avenue
Los Angeles, California

Project No: 10221-00
Report No: 8-0417

Attn: Mr. Raul Ramirez

Subject: Interim Report of findings of an ongoing Environmental Assessment of the South Bay Warehouse Facility, Pacific Gateway Drive, Torrance, California.

Gentlemen:

1.0 INTRODUCTION

As you are aware Stoney-Miller Consultants, Inc. (SMC) has recently been retained to evaluate the environmental aspects of the subject property. Most recently, SMC has conducted a limited investigation to evaluate and determine the extent of relatively recent surface hydrocarbon contamination near the northwest corner of the site. This Interim Report is prepared to summarize the following information. Included in this interim report are:

- o explanation and presentations of:

- o The sequence of events that caused SMC to discover the subsurface hydrocarbon contamination, i.e. background;
- o A generalized description of the methods utilized to investigate the limits of hydrocarbon contamination;
- o A generalized description of the laboratory analyses utilized during the investigation;
- o A summary of the findings of the investigation; and
- o A presentation of conclusions and recommendations to Coca Cola Enterprises.

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November 16, 1988

Page 2

To protect Coca-Cola's interest in the transaction of purchasing the subject site, we recommend that a full scale investigation be conducted and a report prepared which is suitable for submittal to government regulatory agencies. This investigation and report should be sufficient in scope to provide Coca-Cola with an adequate understanding of the financial ramifications of purchasing a site that is known to have subsurface contamination. This Interim Report should only be considered as a means of conveying the general findings of the investigation of the subsurface hydrocarbon contamination found, to Coca Cola, a party that is not currently the owner of the site but, is interested in understanding the environmental liability that could be inherited by the purchase of the site.

2.0 BACKGROUND, AND INVESTIGATIVE PROCEDURES

SMC was originally retained by Coca-Cola to conduct an investigation which was generally to consist of: an evaluation of the geotechnical (structural) aspects of the site; and an environmental assessment of site and vicinity. The geotechnical investigation was to include drilling and sampling, i.e. physically examining representative soils underlying the site. The environmental assessment was intended to include a nonphysical evaluation, i.e. records research of the environmental aspects of the site. This type of assessment has in recent years become a routine aspect of

301 000048

the purchase of commercial property. The exception to this separation of tasks was that a member of our environmental staff was to review the results of the geotechnical drilling and sampling program as part of the environmental assessment. Environmental problems other than the one discussed in this report found to be associated with the site vicinity, for example, there are numerous EPA Superfund Sites located within a few miles of the site. These problems are not presented in this Interim Report, see letter from SMC to Coca-Cola dated October 26, 1988.

During drilling and sampling activities, SMC's field geologist noted a suspicious odor associated with soil samples collected near the northwest corner of the site. This information was reported to our environmental staff and following authorization from Coca-Cola, laboratory analyses of a selected soil sample was conducted. The laboratory chemical staff began their evaluation of the sample by physical examination. The results of the physical examination were that the soil was likely contaminated with a relatively heavy hydrocarbon chemical mixture. The laboratory chemists recommended to SMC that to begin the analyses, an Environmental Protection Agency (EPA) standard analysis Method 418.1 should be performed on the sample.

Results of the 418.1 analyses indicated that 850 mg/kg of Total Petroleum Hydrocarbons were contained in the soil

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November 16, 1988

Page 4

sample. Subsequently, the chemists recommended that an EPA method 8270 be conducted on the soil sample. Results of the 8270 analyses revealed that relatively low concentrations of semi-volatile hydrocarbons were contained in the sample. These results are included as Appendix A of this Interim Report.

Results of the laboratory analyses were reported verbally to Coca-Cola and additional drilling, soil sampling, and laboratory analyses were authorized. The purpose of this second phase of the investigation was to determine with a limited amount of drilling and sampling, if the hydrocarbons found are an isolated case or a more extensive problem. Results of the second phase of the investigation indicated the possibility that the hydrocarbon contamination could be relatively extensive. A decision was made by SMC and Coca-Cola to conduct laboratory analyses on selected soil samples and review the results prior to continuing with any additional drilling and soil sampling.

Results of drilling and sampling observations and correlation with laboratory results were that when physical observations such as color, texture, and odor indicated that the soil was contaminated, laboratory results verified these observations. Likewise, when physical observations indicated that soils were clean, laboratory analyses verified these observations. Based on this discovery, SMC was authorized by Coca-Cola to

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November 16, 1988

Page 5

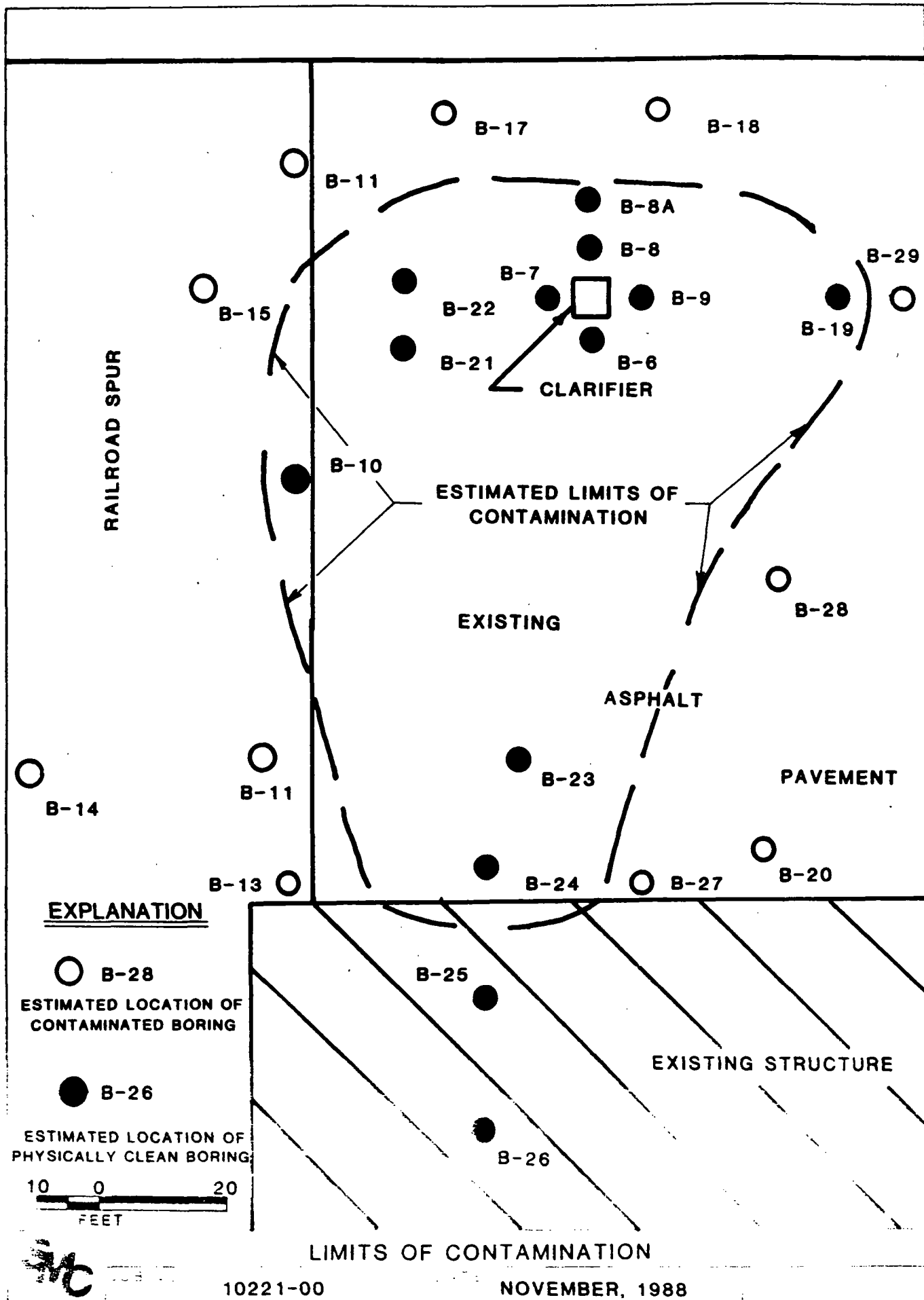
conduct additional drilling and sampling and by physical observation, determine the extent of the hydrocarbon contamination. Thus, a phase three drilling and sampling program was conducted. Soil samples were to be collected and preserved in case laboratory analyses became necessary in the future. To date no laboratory analyses have been conducted on soil samples collected during the phase three drilling and sampling program. The samples are currently refrigerated at the SMC facility. SMC has recently been authorized by Coca-Cola to select five representative soil samples from the phase three drilling program for analyses to confirm the physical observations made. Laboratory analyses of these selected soil samples should be completed within ten days.

3.0 SUMMARY OF FINDINGS AND CONCLUSIONS

General findings of the phase 1, 2, and 3 investigation are as follows.

- o The vertical and horizontal limits of the hydrocarbon contamination have been established based on physical observations. The horizontal limits of the contamination are shown relative to surrounding structures on Figure 1, a sketch of the site. The maximum depth that contamination was found was approximately 10 feet and the average depth is between 3 and 5 feet.
- o Based on the horizontal and vertical limits of the contamination, the volume of contaminated soil appears to be between 750 and 1,000 cubic yards. This is only an estimate, conditions found during the future removal of this soil could change outside of the borings excavated, thus, this volume could vary.

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November 16, 1988

Page 6

4.0 RECOMMENDATIONS

- o Prior to the purchase of the subject site, Coca-Cola should be satisfied that the contaminated soil at the site has been thoroughly removed and properly documented or that a suitable arrangement is made between the current owner and Coca-Cola that recognizes that clean up costs are likely to be incurred as a result of the finding of this contaminated soil. A general industry "rule of thumb cost" for the removal and legal disposal of hydrocarbon contaminated soil is between \$250.00 and \$300.00 per cubic yard.
- o The finding of hydrocarbon contaminated soil at this site should be reported to pertinent government regulatory agencies by the owner. And a remediation plan should be proposed and implemented.

5.0 LIMITATIONS OF INVESTIGATION

This Interim Report was prepared using a degree of care and skill ordinarily exercised, under similar circumstances, by reputable Soil Engineers, Geologists, and Environmental Scientists practicing in this or similar localities. No other warranty, expressed or implied is made as to the conclusions and professional advice included in this Plan. This Report was prepared for the use of Coca-Cola Enterprises and is intended for use as a means of final documentation of the contaminated soil discussed herein.

If you have any questions regarding this matter, please call.

Very Truly Yours
Stoney-Miller Consultants, Inc.


Gary T. Carlin
Consulting Environmental Geologist

Attachments: Figure 1 - Site Sketch

301 000053



A Plus

Office Products & Services

COMMERCIAL SPECIALISTS

10 HUGHES STREET

SUITE A-105

IRVINE, CALIFORNIA 92718

(714) 837-5070

FAX: (714) 830-8239

FACSIMILE TRANSMISSION SHEET

DATE 7/7/89

TO RAUL RAMIREZ

FROM GARY CARLIN

REGARDING CARSON-TORRANCE

NUMBER OF PAGES TO FOLLOW: 3

CALL IF YOU DO NOT RECEIVE ALL OF THIS TRANSMISSION.

301 000054

DRAFT

June 28, 1989

California Department Of Health Services
Toxic Substance Control Division
245 West Broadway
Room 350
Long Beach, California 90802

Attn:

Subject: Recently acquired property of Coca Cola Enterprises in the Carson - Torrance area of the City Of Los Angeles, California at 19875 Pacific Gateway Drive.

Gentlemen:

Pursuant to our recent conversations, this letter has been prepared to provide your agency with a chronological sequence of events which have led to the current status of the subject property. In order to simplify the presentation, individual events and associated data are summarized in separate paragraphs below.

- o In September of 1988 Coca Cola Enterprises retained Stoney-Miller Consultants, Inc. (SMC) to assess the subject site, prior to Coca Cola's purchase. The general scope of SMC's work was initially to conduct a subsurface investigation to determine if the underlying soil properties of the site are geotechnically suitable for the construction of proposed installations. Additionally, the SMC scope of work was to assess the site and vicinity for any potential environmentally threatening problems that would have presented a potential financial risk to Coca Cola upon purchase. In the initial phase of the SMC investigation, a layer of a petroleum type contaminated soil was found in one boring located near the northwest corner of the site. A sample of the soil layer was submitted to an analytical laboratory, Truesdail Laboratories, Inc. in Tustin, California, for a series of analyses.

Because the type of material found was unknown, SMC requested a recommendation of the method of analyses which could identify the contaminants. Truesdail recommended that because the material exhibited heavy petroleum based characteristics, an initial analysis using EPA Method 418.1 be conducted on the sample. Results of these analyses showed that the sample contained 60 mg/kg of Total Petroleum Hydrocarbons (TPH). Based on these results, Truesdail recommended that the sample also be analyzed using EPA Method 8270 for Semi-Volatile Organics. Results of the analyses showed that relatively high concentrations of Naphthalene (9,400 ug/kg) and Phenanthrene (7,700 ug/kg) were contained in the sample. No other volatile

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organics were found in the sample. A photocopy of the analyses results are included as Appendix A to this letter.

Following a review of the results of these analyses, SMC was directed to conduct a subsurface investigation to establish the vertical and horizontal limits of the contamination. A series of hand auger borings were excavated in the area of contamination. During the initial hand drilling operations, an observation was made that the limits of contamination could be established by physical observations. Selected soil samples were submitted to Truesdail for analyses to verify that physical observations were accurate. That is, a series of apparently clean and contaminated samples were analyzed. the results of laboratory analyses showed that physical observations were accurate. Thus, the remainder of the investigation was based on physical observations. Following the investigation, SMC estimated that approximately 1,000 cubic yards of contaminated soil existed in the subsurface near the northwest corner of the site. The investigation also showed that a possible underground storage tank existed near the center of the contamination.

Why included? Raul doesn't feel they need to know about negotiations
o A series of ~~negotiations~~ were then conducted between Coca Cola and the previous owners of the site. The results of negotiations were that based on an ~~agreed upon purchase price~~, Coca Cola would purchase the site and remove and dispose of the soil according to pertinent government regulatory standards.

o Following the purchase of the site, SMC was directed to contact appropriate government agencies to permit the removal of the possible tank and associated contaminated soil. SMC contacted the City Of Los Angeles Fire Department and was directed to obtain a permit to remove an unknown tank and advised that associated soil could be removed in conjunction with the tank removal. A licensed hazardous waste contractor, Ancon from Willmington, California was retained to obtain the permit and conduct removals. A small concrete structure was found during removal operations and to date approximately 2,000 cubic yards of contaminated soil has been removed and disposed. Following a series of data submittals, the soil has been accepted at and transported to a Class I disposal facility, the I.T. Imperial Facility located at 5295 South Garvey Road, Westmoreland, California 92281. The laboratory data submitted to the disposal facility is included as Appendix ~~B~~ and photocopies of the manifests of soil which has been shipped to date is included as Appendix ~~C~~ of this letter.

D

o In conjunction with the removal of the known contaminated soil, a demolition contractor was retained by Coca Cola to remove the previously existing building and related structures from the site. This included the removal of all paving materials. After the paving materials were removed, additional contaminated soil was found along the northern portion of the site, just east of the recently removed contaminated soil area. At that time SMC was directed to conduct a site wide subsurface

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DRAFT

investigation to determine if there is any indication that additional areas of contamination exist at the site. The investigation consisted of the excavation of a series of hand auger borings randomly spaced throughout the site. Some additional areas have been found and are shown on the attached site map. As shown, when indications of contamination were found, additional borings were excavated to establish the limits. Coca Cola directed SMC to collect representative soil samples for laboratory analyses to establish the toxicity of currently existing contaminated soil. A series of five soil samples, which were physically observed to be contaminated with hydrocarbons were submitted to Truesdail for analyses. The samples were again analyzed using both EPA Methods 418.1 and 8270, TPH and Semi-volatile organics respectively. Results of these analyses showed that no semi-volatile organics are present in the soil samples but that a range of TPH (24 to 2,760 mg/kg) are associated with the samples. A photocopy of these results are included as Appendix ~~DE~~ of this letter. Because the currently known contamination was found outside the area where an underground tank was suspected, the LAFD was contacted and advised of the results. The LAFD representative requested that we contact the County Of Los Angeles Health Department (LAHD) to continue the cleanup process. A LAHD representative, Mr. Tom Klinger, informed SMC and Coca Cola that his department did not have an adequately large staff to pursue a problem that was not an immediate public health risk and that we should contact the California Department of Health Services for further assistance.

Coca Cola is currently evaluating whether to remove the remaining contaminated soil or to conduct additional evaluations and to determine if it is technically feasible to allow the contamination to remain in place. Any technical assistance your department can offer would be appreciated. Because some soil has been removed from the site, steps must be implemented to document that the remaining excavations are clean. As a minimum, this will require that a grid system of samples be collected from the bottom of the apparently clean excavation and the samples analyzed. We assume that a representative from your department will be required to witness sampling activities. SMC and Coca Cola would appreciate your cooperation in this matter. If you have any questions regarding this matter, please call either Gary T. Carlin with SMC at (714) 380-0599 or Raul Ramirez with Coca Cola at (213) 746-5555.

Very Truly Yours
Stoney-Miller Consultants, Inc.

Gary T. Carlin
Consulting Environmental Geologist

301 000057

1/7/89

Raul's Comments

Page 2 of 2

would just like me to say
that an agreement was made

- Is there enough emphasis
on the degree of the hazard?

- What can be done prior
to word from Agency (already
told him not much)

If you need to call
Sat or Sun

714 535 3483

- Does Tone give image that
Coca Cola wants to do what's
right?



October 26, 1988

Project No: 10221-00
Report No: 8-0390

Subject: Update of findings regarding an ongoing Environmental Assessment of the South Bay Warehouse Facility, Pacific Gateway Drive, Torrance, California.

The purpose of this letter is to update Coca-Cola Enterprises regarding the ongoing environmental assessment on the subject site. As referenced in our letter of October 7, 1988, subsurface contamination has been found at the site. Stoney-Miller Consultants Inc. (SMC) has recently conducted additional limited subsurface investigation in this area of the site to determine if the contamination is a localized problem or more general. Two general conclusions that we can make at this time regarding the contamination issue are as follows:

- o A portion of the subsurface contamination extends to the eastern property line adjacent to the rail road tracks; and
- o Based on results of laboratory analyses, the depth of contamination appears to be shallow, (i.e zero to 8 feet deep). Clean samples have been collected below these depths.

SMC does not know the horizontal extent of this contamination at this time. An understanding of the extent of contamination will require additional drilling and sampling. Due to the relatively shallow nature of the contamination, extensive deep drilling is not anticipated.

Another area of concern regarding this matter, involves the close proximity of a number of Environmental Protection Agency superfund sites. Our records indicate five EPA superfund sites within a few blocks of the subject project. SMC is currently attempting to obtain more specific data regarding the nature of any contamination that might be associated with these superfund sites. However, we are experiencing difficulty obtaining the information in a timely manner, due to government regulatory protocol regarding issues of this matter. At this point we have discovered that the State Of California Department Of Health Services has a file on four of the five sites in question and has conceded us an appointment to review these files on Monday, October 31. It is SMC's position that we can not properly advise you of the types of risks Coca Cola might be accepting

including without limitation the agent's powers to the extent of the agent's powers.

FAX # (213)-54-8668 - Cdr C 7 ✓

Letter MILES J. Fischman

FAX 212-279-2696

AT REQUEST OF Paul Ammer ✓

PAUL SCHLADMAN

FAX (213)-720-2102 ✓

cc:

DANIEL HEASCHMAN

(213) 553-4647 ✓

JAY CROSE

FAX (213) 620-1280

620-1398 ✓

301 000060

October 27, 1988

Mr. Miles P. Fischer

Subject: Letter of transmittal for a letter to Coca Cola regarding the status of an ongoing Environmental Assessment of the South Bay Warehouse Facility, Pacific Gateway Drive, Torrance, California.

Dear Mr. Fischer:

At the direction of Mr. Raul Ramirez of Coca Cola Enterprises, Stoney-Miller Consultants, Inc. is transmitting the attached letter. If you have any questions, please call.

Very Truly Yours,

Stoney-Miller Consultants, Inc.

Gary T. Carlin
Consulting Environmental Geologist

cc: Mr. Raul Ramirez
Mr. Paul Schlarman
Mr. Daniel Herscher
Ms. Joy Crose

301 000061

October 26, 1988

Coca-Cola Enterprises
1334 South Central Avenue
Los Angeles, California

Project No: 10221-00
Report No: 8-0390

Attn: Mr. Raul Ramirez

Subject: Update of findings regarding an ongoing Environmental Assessment of the South Bay Warehouse Facility, Pacific Gateway Drive, Torrance, California.

Gentlemen:

The purpose of this letter is to update Coca-Cola Enterprises regarding the ongoing environmental assessment on the subject site. As referenced in our letter of October 7, 1988, subsurface contamination has been found at the site. Stoney-Miller Consultants Inc. (SMC) has recently conducted additional limited subsurface investigation in this area of the site to determine if the contamination is a localized problem or more general. Two general conclusions that we can make at this time regarding the contamination issue are as follows:

- o A portion of the subsurface contamination extends to the eastern property line adjacent to the rail road tracks; and
- o Based on results of laboratory analyses, the depth of contamination appears to be shallow, (i.e zero to 8 feet deep). Clean samples have been collected below these depths.

SMC does not know the horizontal extent of this contamination at this time. An understanding of the extent of contamination will require additional drilling and sampling. Due to the relatively shallow nature of the contamination, extensive deep drilling is not anticipated.

Another area of concern regarding this matter, involves the close proximity of a number of Environmental Protection Agency superfund sites. Our records indicate five EPA superfund sites within a few blocks of the subject project, including without limitation the adjacent property to the north owner by RR Donnelly. SMC is currently attempting to obtain more specific data regarding the nature of any contamination that might be associated with these superfund sites. However, we are experiencing difficulty obtaining the information in a timely manner, due to government regulatory protocol regarding issues of this matter. At this point we have discovered that the State Of

301 000062

October 26, 1988

Project No: 10221-00

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Page No: 2

California Department Of Health Services has a file on four of the five sites in question and has conceded us an appointment to review these files on Monday, October 31. It is SMC's position that we can not properly advise you of the types of risks Coca Cola might be accepting regarding the purchase of the subject site until we have had an opportunity to review these files.

If you have any questions regarding this matter, please call.

Very Truly Yours,

Stoney-Miller Consultants, Inc.

Gary T. Carlin
Consulting Environmental Geologist

GTC:jz

301 000063

DATE OBSERVED: 10/11/88 METHOD OF DRILLING: HAND AUGER
 LOCATION: Near Camp Fire (?) - Tank
 LOGGED BY: CTC GROUND ELEVATION: SOUTH OF



DEPTH (FEET)	GRAPHIC LOG	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	BORING NO. <u>B-6</u> DESCRIPTION	LABORATORY TEST	DEPTH (FEET)
0								ASPHALT - $\sim 1\frac{1}{2}$ " - 4" G" BASE	GAST <u>11</u>	0
								CLAY, SICT, black, moist, firm,	0	
								strongly plastic, brown color		
								possibly carbonate		
5								TO $\sim 2\frac{1}{2}$ D.P.		5
								@ 2 1/2 - clay, SICT, dark brown	0	
								continuous color		
								@ 5' - Tank on Pipe -		
								Refusal		
10										10
15										15
20										20
25										25
30										30
35										35
40										40

JOB NO.:

LOG OF BORING

FIGURE:

301 000064

DATE OBSERVED: 10/11/68 METHOD OF DRILLING: HAND AUGER
 LOCATION: near Clarifon - Tully?
 LOGGED BY: GTC GROUND ELEVATION: WEST OF



DEPTH (FEET)	GRAPHIC LOG	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	BORING NO. <u>B-7</u> DESCRIPTION	LABORATORY TEST	DEPTH (FEET)
0								ASPHALT - 2" & 6" BASE		0
								CLAY/SILT, Black, moist, Firm		
								STAINED & STRUCK. P. 129 0000		
								STAINING TO 3'		
5				X				ca 3' change to LIGHT BROWN		5
								SLIGHT P.T. 0001		
								SILTY SAND AT 3'		
10				X				- CONTINUED SILTY SAND		10
								+ SLIGHT P.T. 0001		
15				X						15
20										20
25										25
30										30
35										35
40										40

JOB NO.:

LOG OF BORING

FIGURE:

301 000065

DATE OBSERVED: 10/11/88 METHOD OF DRILLING: HAND AUGER
 LOCATION: NLAA CLARIFIA - TAIL?
 LOGGED BY: GTC GROUND ELEVATION: _____



DEPTH (FEET)	GRAPHIC LOG	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	BORING NO. <u>B-8</u> DESCRIPTION	LABORATORY TEST	DEPTH (FEET)
0								ASPHALT \approx 2" \times 6" BASE		0
								CLAYY SILT, BLACK, MOIST, TO WIT.		
					X			FIRM, STRONG P.T. 0000		
								POSSIBLE CARBONATE AS IT		
5								B-G, 7+8		5
								@ 5' - SILTY SAND, 1/2 AT BASE		
								MOIST, DENSE, SLIGHT P.T.		
					X			0000		
10								- CONTINUED SILTY SAND W/		10
								POSSIBLE SLIGHT 0000		
15					X			- CONTINUED SILTY SAND		15
								w/ POSSIBLE SLIGHT 0000		
20										20
25										25
30										30
35										35
40										40

JOB NO.:

LOG OF BORING

FIGURE:

301 000066

DATE OBSERVED: 10/11/88 METHOD OF DRILLING: HA-O Auger
 LOCATION: MAN TALK - CLAM FINE
 LOGGED BY: GTC GROUND ELEVATION: _____



DEPTH (FEET)	GRAPHIC LOG	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	BORING NO. <u>B-9</u> DESCRIPTION	LABORATORY TEST	DEPTH (FEET)
0								ASPHALT 2" - 6" DIA		0
				X				CLAYY SILT, BLACK, MOIST, FIRM, STRONG POT ODOM.		
								TO 5'		
5				X				5' SILTY SAND, LTZ BROWN, MOIST DENSE, SLIGHT ODOM (P-T)		5
10				X				CONTINUED SILTY SAND & SLIGHT ODOM POSSIBLE		10
15				X				CONTINUED SILTY SAND & SLIGHT ODOM POSSIBLE		15
20										20
25										25
30										30
35										35
40										40

JOB NO.:

LOG OF BORING

FIGURE:

301 000067

DATE OBSERVED: 10/11/88 METHOD OF DRILLING: HAND AUGER
 LOCATION: COCA COLA
 LOGGED BY: CTC GROUND ELEVATION: MAN CLARIFIED - TANK ?




DEPTH (FEET)	GRAPHIC LOG	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	BORING NO. <u>B-10</u> DESCRIPTION	LABORATORY TEST	DEPTH (FEET)
0										0
					X			GRAVEL ~ 1' THICK - CLAYEY SILT, BLACK, moist FINE, STAINLESS PET ODOM POSSIBLY CRUSTACE, TO ~ 5'		
5								SILTY SAND, LIGHT BROWN, moist DENSE, SLIGHT PET ODOM WTO MOD.		5
10					X			- CONTINUED - SILTY SAND & PET ODOM MODERATE		10
15								<u>B-11</u> SAME AS B-10 BUT NO PET. ODOM SAMPLES COLLECTED AT 8'		15
20										20
25								<u>B-12</u> - INSIDE BUL. (DING) - FILL - SANDY CLAY TO 3' THRU PARTIAL 3 TO 5' TO NO ODOM		25
30										30
35										35
40										40


JOB NO.:

LOG OF BORING

FIGURE:

301 000068

DATE OBSERVED: <u>11/2/88</u> METHOD OF DRILLING: <u>HAND AUGER</u>										
LOGGED BY: <u>GRF</u> GROUND ELEVATION: _____ LOCATION: <u>Coln - Coln Township</u>										
DEPTH (FEET)	GRAPHIC LOG	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	BORING NO. <u>B-13</u> DESCRIPTION	LABORATORY TEST	DEPTH (FEET)
0								Gravel - 3"		0
								clay, Dark Brown, moist stiff		
								some small gravel		
								streaks of black		
5								Light brown,		5
								fine silt - Sample 55 feet		
								tan, silty clay, dense loose.		
10								9' end of		10
								Sample		
15										15
20										20
25										25
30										30
35										35
40										40

DATE OBSERVED: <u>7/88</u>		METHOD OF DRILLING: <u>Hand Auger</u>		LOCATION: <u>COCA - TERRANCE</u>						
LOGGED BY: <u>GPF</u>		GROUND ELEVATION: _____								
DEPTH (FEET)	GRAPHIC LOG	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	BORING NO. <u>12</u> B-14 DESCRIPTION	LABORATORY TEST	DEPTH (FEET)
0								Gravel & packed fill, dry brown silty clay 1"		0
5								Silty Clay, light brown, dry, hard. mottled yellow brown to dark brown Dark brown, slightly moist 2"		5
10								5 feet tan, dry sample		10
15								Y' EDS sample		15
20										20
25										25
30										30
35										35
40										40

JOB NO.:

LOG OF BORING

FIGURE:

301-000070

DATE OBSERVED: 11/2/88 METHOD OF DRILLING: Hand
 LOCATION: Coia Calo Terrace
 LOGGED BY: PC GROUND ELEVATION: _____




DEPTH (FEET)	GRAPHIC LOG	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	BORING NO. <u>B-15</u> DESCRIPTION	LABORATORY TEST	DEPTH (FEET)
0								Gravel + Packed fill		0
5								Dark brown clay, stiff Slightly moist + cohesive		5
10								3' tan silty clay, dry loose, granular		10
15										15
20										20
25										25
30										30
35										35
40										40

JOB NO.:

LOG OF BORING

FIGURE:

301 000071

DATE OBSERVED: <u>11/2/83</u>		METHOD OF DRILLING: <u>Hand</u>		LOCATION: <u>Coca-Cola - Torrance</u>			
LOGGED BY: <u>GPE</u>		GROUND ELEVATION: _____					

DEPTH (FEET)	GRAPHIC LOG	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	BORING NO. <u>114</u> DESCRIPTION <u>B-16</u>	LABORATORY TEST	DEPTH (FEET)
0								Gravelly fill Dark Brown Clay, moist, dense cohesive		0
5								3' Tan, silty, clay, dry loose		5
10										10
15								9' EOB		15
20										20
25										25
30										30
35										35
40										40

JOB NO.:	LOG OF BORING	FIGURE:
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301 000072

DATE OBSERVED: 11/2/88

METHOD OF DRILLING: HAND

LOCATION: TORRANCE CORRAL

LOGGED BY: GPC


GROUND ELEVATION:



DEPTH (FEET)	GRAPHIC LOG	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	BORING NO. / DESCRIPTION	LABORATORY TEST	DEPTH (FEET)
0								Asphalt cover 8' clay, moist, cohesive, brown silty		0
5								THIN, SILTY clay, dry, brown 5' sample		5
10								7' gravel occasionally 5%		10
15								9' EOB		15
20										20
25										25
30										30
35										35
40										40

301 000073


JOB NO.: LOG OF BORING FIGURE:

DATE OBSERVED: <u>11/2/85</u>		METHOD OF DRILLING: <u>Hand Auger</u>		LOCATION: <u>Torrance (egg - 60'c)</u>						
LOGGED BY: <u>G.P.E.</u>		GROUND ELEVATION: _____								
DEPTH (FEET)	GRAPHIC LOG	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	BORING NO. <u>16</u> <u>B-18</u> DESCRIPTION	LABORATORY TEST	DEPTH (FEET)
0								Asphalt - Dark Brown Clay, medium dense, cohesive		0
5								5' sample 6' from base of asphalt		5
10								9' T.O.B.		10
15										15
20										20
25										25
30										30
35										35
40								301	000074	40

JOB NO.:

LOG OF BORING

FIGURE:

DATE OBSERVED: <u>11/2/68</u>		METHOD OF DRILLING: <u>Hand Auger</u>		LOCATION: <u>Coca-Cola Tower</u>		LOGGED BY: <u>GPT</u>		GROUND ELEVATION: _____			
DEPTH (FEET)	GRAPHIC LOG	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	BORING NO. <u>17</u> DESCRIPTION <u>B-19</u>	LABORATORY TEST	DEPTH (FEET)	
0								Asphalt		0	
								Gray, wet Clay, soft, loose			
								Black, clay, dense, Med Moist			
								strong odor, - Red stripes			
								Sample 1.5			
								3' slaty reddish sample			
								moist Brown & Black			
								5' tan, silty clay			
								dry, loose			
								7'			
								9' EOB			
40										40	

301 000075

JOB NO.:	LOG OF BORING	FIGURE:
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DATE OBSERVED: 11/2/88 METHOD OF DRILLING: Hand Auger
LOCATION: Coca-Cola Terrace
LOGGED BY: GPB GROUND ELEVATION: _____



DEPTH (FEET)	GRAPHIC LOG	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	BORING NO. <u>118</u> <u>B-20</u> DESCRIPTION	LABORATORY TEST	DEPTH (FEET)
0								Asphalt Clay, moist. dense, dark Brown		0
5										5
10								6' tan loose 7' sample 8' EOB		10
15										15
20										20
25										25
30										30
35										35
40										40

301 000076

JOB NO.: _____ LOG OF BORING FIGURE: _____

DATE OBSERVED: 11/2/84		METHOD OF DRILLING: Hand Auger		LOCATION: Coca Cola - Torrance		LOGGED BY: GPE		GROUND ELEVATION:		
DEPTH (FEET)	GRAPHIC LOG	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	BORING NO. 19 DESCRIPTION B-21	LABORATORY TEST	DEPTH (FEET)
0								Asphalt		0
5								Physically cleaned 5 foot		5
10								Order 10' - 12' - 15' - 18' - 21' - 24' - 27' - 30' - 33' - 36' - 39' - 42' - 45' - 48' - 51' - 54' - 57' - 60' - 63' - 66' - 69' - 72' - 75' - 78' - 81' - 84' - 87' - 90' - 93' - 96' - 99' - 102' - 105' - 108' - 111' - 114' - 117' - 120' - 123' - 126' - 129' - 132' - 135' - 138' - 141' - 144' - 147' - 150' - 153' - 156' - 159' - 162' - 165' - 168' - 171' - 174' - 177' - 180' - 183' - 186' - 189' - 192' - 195' - 198' - 201' - 204' - 207' - 210' - 213' - 216' - 219' - 222' - 225' - 228' - 231' - 234' - 237' - 240' - 243' - 246' - 249' - 252' - 255' - 258' - 261' - 264' - 267' - 270' - 273' - 276' - 279' - 282' - 285' - 288' - 291' - 294' - 297' - 300' - 303' - 306' - 309' - 312' - 315' - 318' - 321' - 324' - 327' - 330' - 333' - 336' - 339' - 342' - 345' - 348' - 351' - 354' - 357' - 360' - 363' - 366' - 369' - 372' - 375' - 378' - 381' - 384' - 387' - 390' - 393' - 396' - 399' - 402' - 405' - 408' - 411' - 414' - 417' - 420' - 423' - 426' - 429' - 432' - 435' - 438' - 441' - 444' - 447' - 450' - 453' - 456' - 459' - 462' - 465' - 468' - 471' - 474' - 477' - 480' - 483' - 486' - 489' - 492' - 495' - 498' - 501' - 504' - 507' - 510' - 513' - 516' - 519' - 522' - 525' - 528' - 531' - 534' - 537' - 540' - 543' - 546' - 549' - 552' - 555' - 558' - 561' - 564' - 567' - 570' - 573' - 576' - 579' - 582' - 585' - 588' - 591' - 594' - 597' - 600' - 603' - 606' - 609' - 612' - 615' - 618' - 621' - 624' - 627' - 630' - 633' - 636' - 639' - 642' - 645' - 648' - 651' - 654' - 657' - 660' - 663' - 666' - 669' - 672' - 675' - 678' - 681' - 684' - 687' - 690' - 693' - 696' - 699' - 702' - 705' - 708' - 711' - 714' - 717' - 720' - 723' - 726' - 729' - 732' - 735' - 738' - 741' - 744' - 747' - 750' - 753' - 756' - 759' - 762' - 765' - 768' - 771' - 774' - 777' - 780' - 783' - 786' - 789' - 792' - 795' - 798' - 801' - 804' - 807' - 810' - 813' - 816' - 819' - 822' - 825' - 828' - 831' - 834' - 837' - 840' - 843' - 846' - 849' - 852' - 855' - 858' - 861' - 864' - 867' - 870' - 873' - 876' - 879' - 882' - 885' - 888' - 891' - 894' - 897' - 900' - 903' - 906' - 909' - 912' - 915' - 918' - 921' - 924' - 927' - 930' - 933' - 936' - 939' - 942' - 945' - 948' - 951' - 954' - 957' - 960' - 963' - 966' - 969' - 972' - 975' - 978' - 981' - 984' - 987' - 990' - 993' - 996' - 999' - 1002' - 1005' - 1008' - 1011' - 1014' - 1017' - 1020' - 1023' - 1026' - 1029' - 1032' - 1035' - 1038' - 1041' - 1044' - 1047' - 1050' - 1053' - 1056' - 1059' - 1062' - 1065' - 1068' - 1071' - 1074' - 1077' - 1080' - 1083' - 1086' - 1089' - 1092' - 1095' - 1098' - 1101' - 1104' - 1107' - 1110' - 1113' - 1116' - 1119' - 1122' - 1125' - 1128' - 1131' - 1134' - 1137' - 1140' - 1143' - 1146' - 1149' - 1152' - 1155' - 1158' - 1161' - 1164' - 1167' - 1170' - 1173' - 1176' - 1179' - 1182' - 1185' - 1188' - 1191' - 1194' - 1197' - 1200' - 1203' - 1206' - 1209' - 1212' - 1215' - 1218' - 1221' - 1224' - 1227' - 1230' - 1233' - 1236' - 1239' - 1242' - 1245' - 1248' - 1251' - 1254' - 1257' - 1260' - 1263' - 1266' - 1269' - 1272' - 1275' - 1278' - 1281' - 1284' - 1287' - 1290' - 1293' - 1296' - 1299' - 1302' - 1305' - 1308' - 1311' - 1314' - 1317' - 1320' - 1323' - 1326' - 1329' - 1332' - 1335' - 1338' - 1341' - 1344' - 1347' - 1350' - 1353' - 1356' - 1359' - 1362' - 1365' - 1368' - 1371' - 1374' - 1377' - 1380' - 1383' - 1386' - 1389' - 1392' - 1395' - 1398' - 1401' - 1404' - 1407' - 1410' - 1413' - 1416' - 1419' - 1422' - 1425' - 1428' - 1431' - 1434' - 1437' - 1440' - 1443' - 1446' - 1449' - 1452' - 1455' - 1458' - 1461' - 1464' - 1467' - 1470' - 1473' - 1476' - 1479' - 1482' - 1485' - 1488' - 1491' - 1494' - 1497' - 1500' - 1503' - 1506' - 1509' - 1512' - 1515' - 1518' - 1521' - 1524' - 1527' - 1530' - 1533' - 1536' - 1539' - 1542' - 1545' - 1548' - 1551' - 1554' - 1557' - 1560' - 1563' - 1566' - 1569' - 1572' - 1575' - 1578' - 1581' - 1584' - 1587' - 1590' - 1593' - 1596' - 1599' - 1602' - 1605' - 1608' - 1611' - 1614' - 1617' - 1620' - 1623' - 1626' - 1629' - 1632' - 1635' - 1638' - 1641' - 1644' - 1647' - 1650' - 1653' - 1656' - 1659' - 1662' - 1665' - 1668' - 1671' - 1674' - 1677' - 1680' - 1683' - 1686' - 1689' - 1692' - 1695' - 1698' - 1701' - 1704' - 1707' - 1710' - 1713' - 1716' - 1719' - 1722' - 1725' - 1728' - 1731' - 1734'		

DATE OBSERVED: 11/2/68 METHOD OF DRILLING: Hand Auger
 LOCATION: Car-Cala Tower
 LOGGED BY: GFE GROUND ELEVATION: _____



DEPTH (FEET)	GRAPHIC LOG	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	BORING NO. <u>7P</u> DESCRIPTION <u>B-22</u>	LABORATORY TEST	DEPTH (FEET)
0								Alpha H Black, clay, moist, sticky		0
5								Sample S1 physically clean soil to dry ground		5
10										10
15										15
20										20
25										25
30										30
35										35
40										40

301 000078

DATE OBSERVED: 1/7/94

METHOD OF DRILLING: Hand Auger

LOCATION: Groundwater Corral Gata

LOGGED BY: G.R.

GROUND ELEVATION: _____




DEPTH (FEET)	GRAPHIC LOG	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	BORING NO. <u>21</u> DESCRIPTION <u>B-23</u>	LABORATORY TEST	DEPTH (FEET)
0								Concrete Clay, Block, mold 2' x 2' x 2' Physically clean at 4.5' 5' - 4' long, 2' x 2' x 2' x 2'		0
5										5
10										10
15										15
20										20
25										25
30										30
35										35
40										40

301 000079

JOB NO.:


LOG OF BORING

FIGURE:

DATE OBSERVED: <u>11/2/88</u>		METHOD OF DRILLING: <u>Hand Auger</u>		LOCATION: <u>Torrance (see sketch)</u>						
LOGGED BY: <u>WPE</u>		GROUND ELEVATION: _____								
DEPTH (FEET)	GRAPHIC LOG	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	BORING NO. <u>ZZ</u> DESCRIPTION <u>B-24</u>	LABORATORY TEST	DEPTH (FEET)
0								<u>Report (see sketch)</u> <u>Rock fill Base is</u> <u>at 0' depth</u> <u>Physically class 6'</u> <u>7' Light brown silty clay,</u> <u>dry, loose, odor like solvent</u> <u>or paint thinner</u> <u>10' EOB 11/2/88</u> <u>11/9/88</u> <u>continued drilling</u> <u>odor stopped ~ 12 feet</u>		0
5										5
10										10
15										15
20										20
25										25
30										30
35										35
40										40
JOB NO.:		LOG OF BORING						FIGURE:		

301 000080

COCA COLA TOWER

DATE OBSERVED: <u>11/9/48</u>		METHOD OF DRILLING: <u>Hand Auger</u>								
LOGGED BY: <u>GEF</u>		LOCATION: <u>Torres Island</u>								
GROUND ELEVATION: _____										
DEPTH (FEET)	GRAPHIC LOG	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	BORING NO. <u>28</u> DESCRIPTION <u>B-25</u>	LABORATORY TEST	DEPTH (FEET)
0								Concrete 4" brown, s.w. clay, dense, 6"		0
5								Base 4" sandy clay, dk brown, sl. moist, stiff dense, sand F to m.		5
10								6' sandy clay, light brown, loose, dry, sand F.		10
15										15
20										20
25										25
30										30
35										35
40										40
JOB NO.:		LOG OF BORING						301 000081		FIGURE:

DATE OBSERVED: 11/9/88 METHOD OF DRILLING: Hand Auger
 LOCATION: Car. Cal. Torrance
 LOGGED BY: C.P.E. GROUND ELEVATION: _____



DEPTH (FEET)	GRAPHIC LOG	CLASSIFICATION	BLOWS/FOOT	UNDISTURBED SAMPLE	BULK SAMPLE	MOISTURE CONTENT (%)	IN PLACE DRY DENSITY (PCF)	BORING NO. <u>24</u> 26 DESCRIPTION	LABORATORY TEST	DEPTH (FEET)
0								Concrete ~ 6"		0
5								Brown, mod. moist clay, dense with gravel base		5
10								Sandy Clay, dark Brown, sl. moist, stiff, dense		10
15								5' Sandy Clay, light Brown, loose dry,		15
20								91 Tons		20
25										25
30										30
35										35
40										40

301 000082

JOB NO.:

LOG OF BORING

FIGURE:



GENE F. GALLAGHER
FIRE INSPECTOR I
LOS ANGELES CITY FIRE DEPARTMENT

UNDERGROUND TANK UNIT
BUREAU OF FIRE PREVENTION
(213) 485-7543

200 NORTH MAIN STREET
LOS ANGELES, CALIFORNIA 90012



ROBERT J. LUCE

SR. WATER UTILITY
SUPERVISOR
WATER OPERATING DIVISION

BUS. PHONE (213) 831-8807

DEPARTMENT OF WATER & POWER
CITY OF LOS ANGELES
950 W. 1ST STREET
SAN PEDRO, CALIFORNIA 90731

*Fixed
with
D. J. Hart
of 4/13/89*

**WESTERN
TECHNOLOGIES
INC.**



3737 East Broadway Road
P.O. Box 21387
Phoenix, Arizona 85036
602-437-3737 • 437-3140 FAX

Pete Beaver

~~Hydrogeologist~~
Project Hydrogeologist
Environmental Engineering Services

Steve Myers

WENDY
Quality Management

Geotechnical, Construction Materials, Chemistry & Environmental Engineering
ARIZONA • CALIFORNIA • COLORADO • NEVADA • NEW MEXICO



DEPARTMENT OF PUBLIC WORKS
BUREAU OF SANITATION

MANUEL C. CRUZ
INDUSTRIAL WASTE INSPECTOR

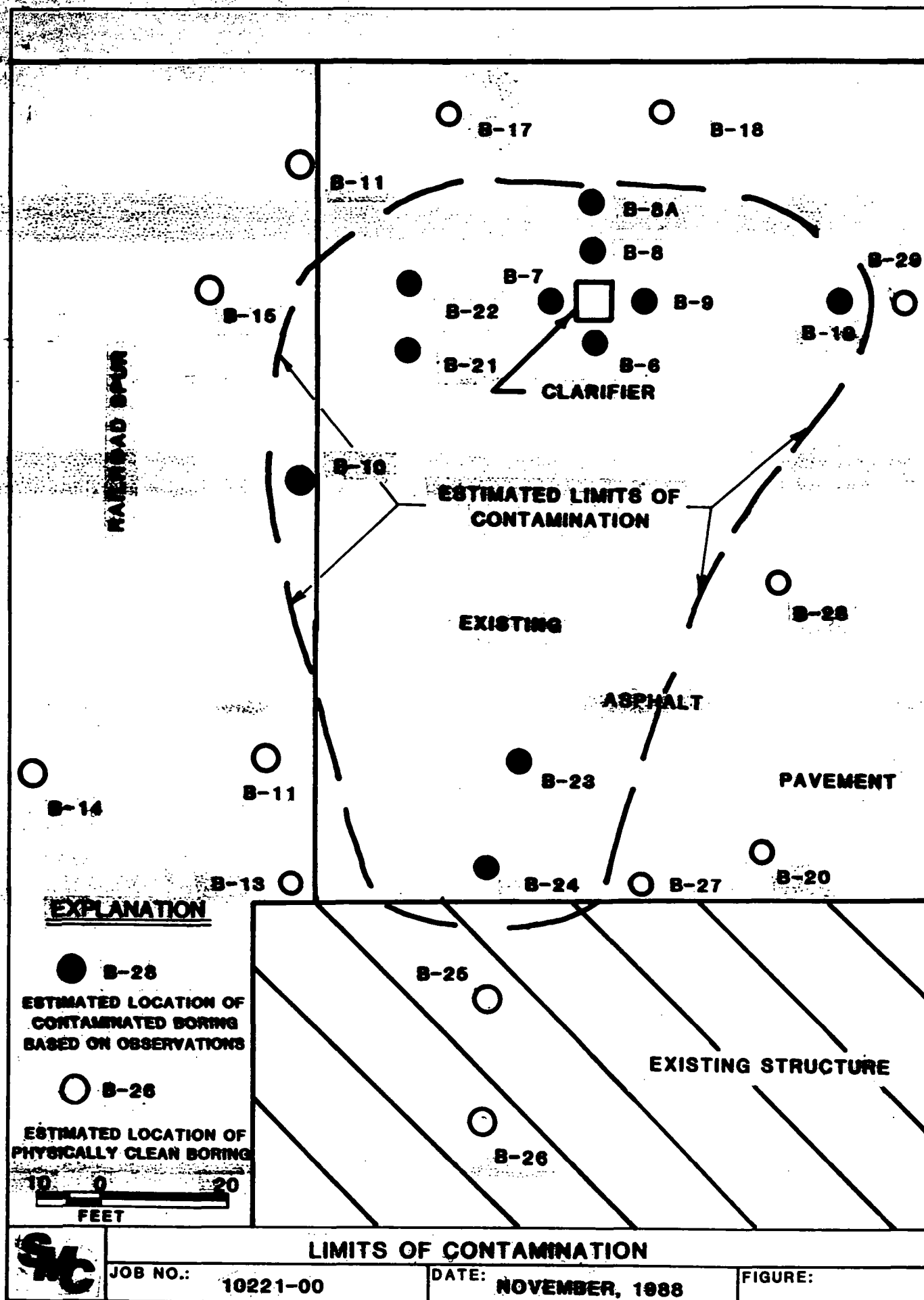
*with
for call
trip
in
Clematis*

2/1/89
PL 001

ENFORCEMENT DIVISION
ROOM 603, 638 BEACON ST.
SAN PEDRO

OFFICE HOURS: 7:00 A.M. TO NOON
548-7551 OR 52

301 000083



301. 000084

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT **Georemediation**
14 Hughes, Suite B 101
Irvine, California 92718
Attention: Gary Carlin

DATE March 31, 1989

RECEIVED March 24, 1989

SAMPLE

LABORATORY NO. 32277

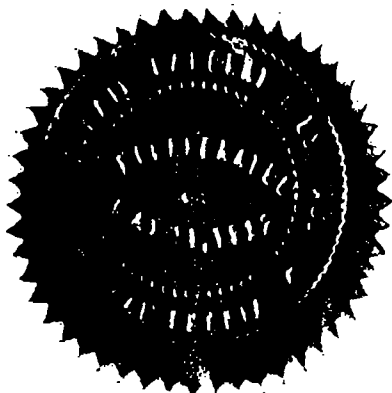
Soil: S-1, March 24, 1989
Project: Stoney-Miller Consultants, Inc.
Coca-Cola, Torrance

INVESTIGATION

As Requested

RESULTS

<u>PARAMETER</u>	<u>CONCENTRATION, mg/kg</u>
pH, units (9040)	7.8
Sulfide (9030)	<0.1
Cyanide (9010)	<0.04
Flashpoint	>150° F
Total Petroleum Hydrocarbons (E.P.A. 8015, Modified)	5,136
PCB's (8080)	<0.4



Respectfully submitted,

TRUESDAIL LABORATORIES, INC.

Gregory W. Everett, Project Manager
Water and Waste Laboratory

301 000085

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

APPENDIX
LABROATORY RESULTS

301 000086

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT **Stoney-Miller Consultants**
14 Hughes, Suite B-101
Irvine, California 92718
Attention: Gary Carlin

DATE October 17, 1988

RECEIVED October 5, 1988

SAMPLE Soils B-3 - 1' from Coca Cola, Torrance

LABORATORY NO. 31002

INVESTIGATION As Requested

RESULTS

<u>Parameter</u>	<u>Milligrams per Kilogram</u>
Total Petroleum Hydrocarbons (418.1)	858
Polychlorinated Biphenyls (8080):	
PCB - 1016	ND <0.1
PCB - 1221	ND <0.1
PCB - 1232	ND <0.1
PCB - 1242	ND <0.1
PCB - 1248	ND <0.1
PCB - 1254	ND <0.1
PCB - 1260	ND <0.1

Respectfully submitted,

TRUESDAIL LABORATORIES, INC.

Julia Nayberg

Julia Nayberg, Manager
Inorganic Chemistry

301 000087

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REPORT

DUPLICATE

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

Stoney-Miller Consultants, Inc.

CLIENT

DATE October 17, 1988

RECEIVED October 5, 1988

SAMPLE

LABORATORY NO. 31002

Soil: B-3-1'

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Phenol	660 ug/kg	ND
bis(2-Chloroethyl) ether	660 ug/kg	ND
2-Chlorophenol	660 ug/kg	ND
1,3-Dichlorobenzene	660 ug/kg	ND
1,4-Dichlorobenzene	660 ug/kg	ND
Benzyl Alcohol	1300 ug/kg	ND
1,2-Dichlorobenzene	660 ug/kg	ND
2-Methylphenol	660 ug/kg	ND
bis(2-Chloroisopropyl) ether	660 ug/kg	ND
4-Methylphenol	660 ug/kg	ND
N-Nitroso-Di-N-propylamine	660 ug/kg	ND
Hexachloroethane	660 ug/kg	ND
Nitrobenzene	660 ug/kg	ND
Isophorone	660 ug/kg	ND
2-Nitrophenol	660 ug/kg	ND
2,4-Dimethylphenol	660 ug/kg	ND
Benzoic Acid	3300 ug/kg	ND
bis(2-Chloroethoxy)methane	660 ug/kg	ND
2,4-Dichlorophenol	660 ug/kg	ND
1,2,4-Trichlorobenzene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

301 000088

LAB NUMBER: 31002
CLIENT: Stoney-Miller

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Naphthalene	660 ug/kg	9,400
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	ND
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	ND
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	ND
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	7,700
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	ND
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

LAB NUMBER: 31002
CLIENT: Stoney-Miller

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate</u> <u>Detection</u>		<u>Concentration</u> <u>(ug/kg)**</u>
	<u>Limit*</u>	<u>***</u>	
Chrysene	660	ug/kg	ND
Di-n-octyl phthalate	660	ug/kg	ND
Benzo(b)fluoranthene	660	ug/kg	ND
Benzo(k)fluoranthene	660	ug/kg	ND
Benzo(a)pyrene	660	ug/kg	ND
Indeno(1,2,3-cd)pyrene	660	ug/kg	ND
Dibenz(a,h)anthracene	660	ug/kg	ND
Benzo(g,h,i)perylene	660	ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

*** The detection limits were multiplied by 100X.

Respectfully submitted,

TRUESDAIL LABORATORIES, INC.

Julia Nayberg
Julia Nayberg, Manager
Inorganic Chemistry

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-2

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Chrysene	660 ug/kg	ND
Di-n-octyl phthalate	660 ug/kg	ND
Benzo(b)fluoranthene	660 ug/kg	ND
Benzo(k)fluoranthene	660 ug/kg	ND
Benzo(a)pyrene	660 ug/kg	ND
Indeno(1,2,3-cd)pyrene	660 ug/kg	ND
Dibenz(a,h)anthracene	660 ug/kg	ND
Benzo(g,h,i)perylene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Julia Nayberg

Julia Nayberg, Manager
Inorganic Chemistry

301 000091

301 000092

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Naphthalene	660 ug/kg	55,500
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	32,600
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	16,600
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	15,100
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	32,400
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	10,100
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-3

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Chrysene	660 ug/kg	ND
Di-n-octyl phthalate	660 ug/kg	ND
Benzo(b)fluoranthene	660 ug/kg	ND
Benzo(k)fluoranthene	660 ug/kg	ND
Benzo(a)pyrene	660 ug/kg	ND
Indeno(1,2,3-cd)pyrene	660 ug/kg	ND
Dibenz(a,h)anthracene	660 ug/kg	ND
Benzo(g,h,i)perylene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

*** Detection limits are multiplied by 10X.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Julia Nayberg

Julia Nayberg, Manager
Inorganic Chemistry

301 000094

REPORT

TRUESDAIL LABORATORIES, INC.

CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING



14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT **Stoney-Miller Consultants, Inc.**
14 Hughes, Suite B101
Irvine, CA 92718
Attention: Gary Carlin

SAMPLE B-8-15'

DATE October 25, 1988
RECEIVED October 17, 1988
LABORATORY NO. 31100-4

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Phenol	660 ug/kg	ND
bis(2-Chloroethyl) ether	660 ug/kg	ND
2-Chlorophenol	600 ug/kg	ND
1,3-Dichlorobenzene	660 ug/kg	ND
1,4-Dichlorobenzene	660 ug/kg	ND
Benzyl Alcohol	1300 ug/kg	ND
1,2-Dichlorobenzene	660 ug/kg	ND
2-Methylphenol	660 ug/kg	ND
bis(2-Chloroisopropyl) ether	660 ug/kg	ND
4-Methylphenol	660 ug/kg	ND
N-Nitroso-Di-N-propylamine	660 ug/kg	ND
Hexachloroethane	660 ug/kg	ND
Nitrobenzene	660 ug/kg	ND
Isophorone	660 ug/kg	ND
2-Nitrophenol	660 ug/kg	ND
2,4-Dimethylphenol	660 ug/kg	ND
Benzoic Acid	3300 ug/kg	ND
bis(2-Chloroethoxy)methane	660 ug/kg	ND
2,4-Dichlorophenol	660 ug/kg	ND
1,2,4-Trichlorobenzene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

301 000095

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INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Naphthalene	660 ug/kg	ND
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	ND
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	ND
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	ND
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	ND
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	ND
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

301 000096

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-4

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Chrysene	660 ug/kg	ND
Di-n-octyl phthalate	660 ug/kg	ND
Benzo(b)fluoranthene	660 ug/kg	ND
Benzo(k)fluoranthene	660 ug/kg	ND
Benzo(a)pyrene	660 ug/kg	ND
Indeno(1,2,3-cd)pyrene	660 ug/kg	ND
Dibenz(a,h)anthracene	660 ug/kg	ND
Benzo(g,h,i)perylene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Julia Nayberg

Julia Nayberg, Manager
Inorganic Chemistry

301 000097

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1864
CABLE: TRUELABS

CLIENT **Stoney-Miller Consultants, Inc.**
14 Hughes, Suite B101
Irvine, CA 92718
Attention: Gary Carlin

SAMPLE **B-9-5'**

DATE **October 25, 1988**
RECEIVED **October 17, 1988**
LABORATORY NO. **31100-5**

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Phenol	660 ug/kg	ND
bis(2-Chloroethyl) ether	660 ug/kg	ND
2-Chlorophenol	600 ug/kg	ND
1,3-Dichlorobenzene	660 ug/kg	ND
1,4-Dichlorobenzene	660 ug/kg	ND
Benzyl Alcohol	1300 ug/kg	ND
1,2-Dichlorobenzene	660 ug/kg	ND
2-Methylphenol	660 ug/kg	ND
bis(2-Chloroisopropyl) ether	660 ug/kg	ND
4-Methylphenol	660 ug/kg	ND
N-Nitroso-Di-N-propylamine	660 ug/kg	ND
Hexachloroethane	660 ug/kg	ND
Nitrobenzene	660 ug/kg	ND
Isophorone	660 ug/kg	ND
2-Nitrophenol	660 ug/kg	ND
2,4-Dimethylphenol	660 ug/kg	ND
Benzoic Acid	3300 ug/kg	ND
bis(2-Chloroethoxy)methane	660 ug/kg	ND
2,4-Dichlorophenol	660 ug/kg	ND
1,2,4-Trichlorobenzene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

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301 000098

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-5

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Naphthalene	660 ug/kg	ND
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	ND
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	ND
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	ND
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	ND
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	ND
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

301 000099

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Chrysene	660 ug/kg	ND
Di-n-octyl phthalate	660 ug/kg	ND
Benzo(b)fluoranthene	660 ug/kg	ND
Benzo(k)fluoranthene	660 ug/kg	ND
Benzo(a)pyrene	660 ug/kg	ND
Indeno(1,2,3-cd)pyrene	660 ug/kg	ND
Dibenz(a,h)anthracene	660 ug/kg	ND
Benzo(g,h,i)perylene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

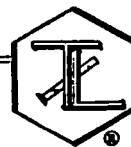
*** Detection limits are multiplied by 10X.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Julia Nayberg
Julia Nayberg, Manager
Inorganic Chemistry

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT **Stoney-Miller Consultants, Inc.**
14 Hughes, Suite B101
Irvine, CA 92718
Attention: Gary Carlin

SAMPLE B-9-15'

DATE October 25, 1988
RECEIVED October 17, 1988
LABORATORY NO. 31100-6

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Phenol	660 ug/kg	ND
bis(2-Chloroethyl) ether	660 ug/kg	ND
2-Chlorophenol	600 ug/kg	ND
1,3-Dichlorobenzene	660 ug/kg	ND
1,4-Dichlorobenzene	660 ug/kg	ND
Benzyl Alcohol	1300 ug/kg	ND
1,2-Dichlorobenzene	660 ug/kg	ND
2-Methylphenol	660 ug/kg	ND
bis(2-Chloroisopropyl) ether	660 ug/kg	ND
4-Methylphenol	660 ug/kg	ND
N-Nitroso-Di-N-propylamine	660 ug/kg	ND
Hexachloroethane	660 ug/kg	ND
Nitrobenzene	660 ug/kg	ND
Isophorone	660 ug/kg	ND
2-Nitrophenol	660 ug/kg	ND
2,4-Dimethylphenol	660 ug/kg	ND
Benzoic Acid	3300 ug/kg	ND
bis(2-Chloroethoxy)methane	660 ug/kg	ND
2,4-Dichlorophenol	660 ug/kg	ND
1,2,4-Trichlorobenzene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

301 000101

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Naphthalene	660 ug/kg	ND
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	ND
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	ND
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	ND
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	ND
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	ND
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-6

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Chrysene	660 ug/kg	ND
Di-n-octyl phthalate	660 ug/kg	ND
Benzo(b)fluoranthene	660 ug/kg	ND
Benzo(k)fluoranthene	660 ug/kg	ND
Benzo(a)pyrene	660 ug/kg	ND
Indeno(1,2,3-cd)pyrene	660 ug/kg	ND
Dibenz(a,h)anthracene	660 ug/kg	ND
Benzo(g,h,i)perylene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

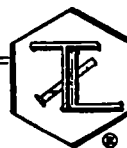
Julia Nayberg

Julia Nayberg, Manager
Inorganic Chemistry

301 000103

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT Stoney-Miller Consultants, Inc.
14 Hughes, Suite B101
Irvine, CA 92718
Attention: Gary Carlin

DATE October 25, 1988

RECEIVED October 17, 1988

SAMPLE B-10-10'

LABORATORY NO. 31100-8

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Phenol	660 ug/kg	ND
bis(2-Chloroethyl) ether	660 ug/kg	ND
2-Chlorophenol	600 ug/kg	ND
1,3-Dichlorobenzene	660 ug/kg	ND
1,4-Dichlorobenzene	660 ug/kg	ND
Benzyl Alcohol	1300 ug/kg	ND
1,2-Dichlorobenzene	660 ug/kg	ND
2-Methylphenol	660 ug/kg	ND
bis(2-Chloroisopropyl) ether	660 ug/kg	ND
4-Methylphenol	660 ug/kg	ND
N-Nitroso-Di-N-propylamine	660 ug/kg	ND
Hexachloroethane	660 ug/kg	ND
Nitrobenzene	660 ug/kg	ND
Isophorone	660 ug/kg	ND
2-Nitrophenol	660 ug/kg	ND
2,4-Dimethylphenol	660 ug/kg	ND
Benzoic Acid	3300 ug/kg	ND
bis(2-Chloroethoxy)methane	660 ug/kg	ND
2,4-Dichlorophenol	660 ug/kg	ND
1,2,4-Trichlorobenzene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

301 000104

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Naphthalene	660 ug/kg	ND
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	ND
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	ND
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	ND
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	ND
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	ND
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-8

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Chrysene	660 ug/kg	ND
Di-n-octyl phthalate	660 ug/kg	ND
Benzo(b)fluoranthene	660 ug/kg	ND
Benzo(k)fluoranthene	660 ug/kg	ND
Benzo(a)pyrene	660 ug/kg	ND
Indeno(1,2,3-cd)pyrene	660 ug/kg	ND
Dibenz(a,h)anthracene	660 ug/kg	ND
Benzo(g,h,i)perylene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

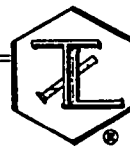
Julia Nayberg

Julia Nayberg, Manager
Inorganic Chemistry

301 000106

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT **Stoney-Miller Consultants, Inc.**
14 Hughes, Suite B101
Irvine, CA 92718
Attention: Gary Carlin

SAMPLE B-11-8'

DATE October 25, 1988
RECEIVED October 17, 1988
LABORATORY NO. 31100-9

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Phenol	660 ug/kg	ND
bis(2-Chloroethyl) ether	660 ug/kg	ND
2-Chlorophenol	600 ug/kg	ND
1,3-Dichlorobenzene	660 ug/kg	ND
1,4-Dichlorobenzene	660 ug/kg	ND
Benzyl Alcohol	1300 ug/kg	ND
1,2-Dichlorobenzene	660 ug/kg	ND
2-Methylphenol	660 ug/kg	ND
bis(2-Chloroisopropyl) ether	660 ug/kg	ND
4-Methylphenol	660 ug/kg	ND
N-Nitroso-Di-N-propylamine	660 ug/kg	ND
Hexachloroethane	660 ug/kg	ND
Nitrobenzene	660 ug/kg	ND
Isophorone	660 ug/kg	ND
2-Nitrophenol	660 ug/kg	ND
2,4-Dimethylphenol	660 ug/kg	ND
Benzoic Acid	3300 ug/kg	ND
bis(2-Chloroethoxy)methane	660 ug/kg	ND
2,4-Dichlorophenol	660 ug/kg	ND
1,2,4-Trichlorobenzene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

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301 000107

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Naphthalene	660 ug/kg	ND
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	ND
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	ND
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	ND
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	ND
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	ND
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-9

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Chrysene	660 ug/kg	ND
Di-n-octyl phthalate	660 ug/kg	ND
Benzo(b)fluoranthene	660 ug/kg	ND
Benzo(k)fluoranthene	660 ug/kg	ND
Benzo(a)pyrene	660 ug/kg	ND
Indeno(1,2,3-cd)pyrene	660 ug/kg	ND
Dibenz(a,h)anthracene	660 ug/kg	ND
Benzo(g,h,i)perylene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Julia Nayberg

Julia Nayberg, Manager
Inorganic Chemistry

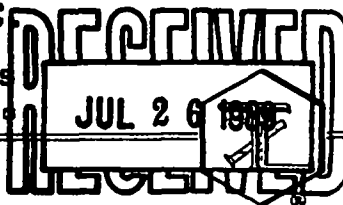
INVOICE

TRUESDAIL LABORATORIES, INC

TAX I.D. / 95-1308430

CHEMISTS - MICROBIOLOGISTS - ENGINEERS

RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABSStoney Miller, Consultants
14 Hughes, Suite B-101
Irvine, California 92718
Attention: ACCOUNTS PAYABLE

INVOICE NO. 105991

ORDER NO.

DATE July 25 1989

To Professional Services

LABORATORY NUMBER 34136

Project Name: Coca-Cola, Torrance
Ten Soils ---4 EPA 8270 @ \$3450 Ea.
10 EPA 418.1 TPH Analyses @ \$57 Ea\$1,800.
570.

TOTAL INVOICE:

\$2,370.

PLEASE RETURN WITH YOUR
REMITTANCE

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301 000110

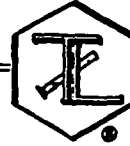
INVOICE

TRUESDAIL LABORATORIES, INC.

TAX I. D. / 95-1308430

CHEMISTS - MICROBIOLOGISTS - ENGINEERS

RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRU ELAB 8Stoney Miller, Consultants
14 Hughes, Suite B-101
Irvine, California 92718
Attention: ACCOUNTS PAYABLE

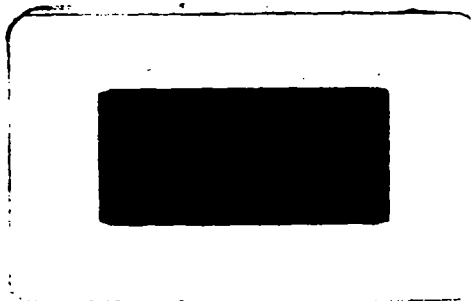
INVOICE NO. 105991

ORDER NO.

DATE July 25 1989

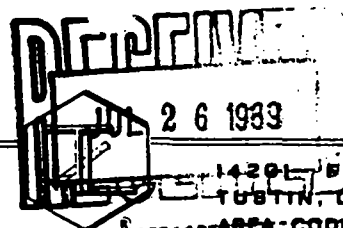
*To Professional Services***LABORATORY NUMBER 34136**Project Name: Coca-Cola, Torrance
Ten Soils ---4 EPA 8270 @ \$3450 Ea.
10 EPA 418.1 TPH Analyses @ \$57 Ea\$1,800.
570.**TOTAL INVOICE:****\$2,370.****THIS PROFESSIONAL SERVICE BILL IS DUE UPON PRESENTATION.**

The above charge does not include the right to reproduce or use, in whole or in part, for advertising or publicity purposes, the report or reports of these Laboratories without obtaining prior written authorization therefor. The liability of these Laboratories for the services covered by this invoice shall in no event exceed the amount of this invoice.



301 000111

REPORT
TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT **Georemediation**
14 Hughes, Suite B 101
Irvine, California 92718
Attention: GARY CARLIN

DATE July 25, 1989
RECEIVED July 17, 1989
LABORATORY NO. 34136

SAMPLE **Ten Soils**
Project: Coca-Cola, Torrance
Stoney-Miller, Consultants

INVESTIGATION **EPA 418.1 / Total Petroleum Hydrocarbons**

RESULTS

<u>Sample Identification</u>	<u>CONCENTRATION, mg/kg</u>
C.C.P. #1	<1.61
C.C.P. #2	3,680
C.C.P. #3	3,990
C.C.P. #4	<1.61
C.C.P. #5	1,640
C.C.P. #6	5,960
C.C.P. #7	<1.61
C.C.P. #8	2,190
C.C.P. #9	<1.61
C.C.P. #10	<1.61

301 000112

TRUESDAIL LABORATORIES, INC.

Georemediation
Laboratory Number 34136
July 25, 1989

Total Petroleum Hydrocarbons (EPA 418.1, Modified):

The total petroleum hydrocarbons analyzed in soils utilizes an infrared method similar to the procedure designated for waters (E.P.A. 418.1). The soils are extracted with freon TF on an equal weight-to-volume basis with anhydrous sodium sulfate added to aid in the extraction. The method detection limit is 1 mg/kg. All of the results have been blank corrected.

Respectfully submitted,

TRUESDAIL LABORATORIES, INC.



Gregory W. Everett, Project Manager
Water and Waste Laboratory

REPORT

TRUESDAIL LABORATORIES, INC.



14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

CLIENT **Georemediation**
14 Hughes, Suite B-101
Irvine, California 92718
Attention: GARY CARLIN

DATE July 25, 1987

RECEIVED July 17

SAMPLE **C.C.P. #2**
Project: Coca-Cola, Torrance

LABORATORY NO. 34136-2

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (mg/kg)**</u>
Phenol	1.98 mg/kg	ND
bis(2-Chloroethyl) ether	1.98 mg/kg	ND
2-Chlorophenol	1.98 mg/kg	ND
1,3-Dichlorobenzene	1.98 mg/kg	ND
1,4-Dichlorobenzene	1.98 mg/kg	ND
Benzyl Alcohol	3.90 mg/kg	ND
1,2-Dichlorobenzene	1.98 mg/kg	ND
2-Methylphenol	1.98 mg/kg	ND
bis(2-Chloroisopropyl) ether	1.98 mg/kg	ND
4-Methylphenol	1.98 mg/kg	ND
N-Nitroso-Di-N-propylamine	1.98 mg/kg	ND
Hexachloroethane	1.98 mg/kg	ND
Nitrobenzene	1.98 mg/kg	ND
Isophorone	1.98 mg/kg	ND
2-Nitrophenol	1.98 mg/kg	ND
2,4-Dimethylphenol	1.98 mg/kg	ND
Benzoic Acid	9.90 mg/kg	ND
bis(2-Chloroethoxy)methane	1.98 mg/kg	ND
2,4-Dichlorophenol	1.98 mg/kg	ND
1,2,4-Trichlorobenzene	1.98 mg/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

301 000114

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ng/kg) **</u>
Naphthalene	1.98 mg/kg	ND
4-Chloroaniline	3.90 mg/kg	ND
Hexachlorobutadiene	1.98 mg/kg	ND
4-Chloro-3-methylphenol	3.90 mg/kg	ND
2-Methylnaphthalene	1.98 mg/kg	ND
Hexachlorocyclopentadiene	1.98 mg/kg	ND
2,4,6-Trichlorophenol	1.98 mg/kg	ND
2,4,5-Trichlorophenol	1.98 mg/kg	ND
2-Chloronaphthalene	1.98 mg/kg	ND
2-Nitroaniline	9.90 mg/kg	ND
Dimethyl phthalate	1.98 mg/kg	ND
Acenaphthylene	1.98 mg/kg	ND
3-Nitroaniline	9.90 mg/kg	ND
Acenaphthene	1.98 mg/kg	ND
2,4-Dinitrophenol	9.90 mg/kg	ND
4-Nitrophenol	9.90 mg/kg	ND
Dibenzofuran	1.98 mg/kg	ND
2,4-Dinitrotoluene	1.98 mg/kg	ND
2,6-Dinitrotoluene	1.98 mg/kg	ND
Diethylphthalate	1.98 mg/kg	ND
4-Chlorophenyl phenyl ether	1.98 mg/kg	ND
Fluorene	1.98 mg/kg	ND
4-Nitroaniline	9.90 mg/kg	ND
4,6-Dinitro-2-methylphenol	9.90 mg/kg	ND
N-Nitrosodiphenylamine	1.98 mg/kg	ND
4-Bromophenyl phenyl ether	1.98 mg/kg	ND
Hexachlorobenzene	1.98 mg/kg	ND
Pentachlorophenol	9.90 mg/kg	ND
Phenanthrene	1.98 mg/kg	ND
Anthracene	1.98 mg/kg	ND
Di-n-butylphthalate	1.98 mg/kg	ND
Fluoranthene	1.98 mg/kg	ND
Pyrene	1.98 mg/kg	ND
Butyl benzyl phthalate	1.98 mg/kg	ND
3,3'-Dichlorobenzidine	3.90 mg/kg	ND
Benzo(a)anthracene	1.98 mg/kg	ND
bis(2-ethylhexyl)phthalate	1.98 mg/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

<u>Constituent</u>	<u>Approximate Detection Limit*</u>		<u>Concentration (mg/kg)**</u>
Chrysene	1.98	mg/kg	ND
Di-n-octyl phthalate	1.98	mg/kg	ND
Benzo(b)fluoranthene	1.98	mg/kg	ND
Benzo(k)fluoranthene	1.98	mg/kg	ND
Benzo(a)pyrene	1.98	mg/kg	ND
Indeno(1,2,3-cd)pyrene	1.98	mg/kg	ND
Dibenz(a,h)anthracene	1.98	mg/kg	ND
Benzo(g,h,i)perylene	1.98	mg/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.



Gregory W. Everett,
Project Manager
Industrial Waste

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

Georemediation

CLIENT 14 Hughes, Suite B-101
Irvine, California 92718
Attention: GARY CARLIN

SAMPLE C.C.P. #4
Project: Coca-Cola, Torrance

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRU ELABS
July 25, 1987

DATE July 17
RECEIVED
LABORATORY NO. 34136-4

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (mg/kg)**</u>
Phenol	1.98 mg/kg	ND
bis(2-Chloroethyl) ether	1.98 mg/kg	ND
2-Chlorophenol	1.98 mg/kg	ND
1,3-Dichlorobenzene	1.98 mg/kg	ND
1,4-Dichlorobenzene	1.98 mg/kg	ND
Benzyl Alcohol	3.90 mg/kg	ND
1,2-Dichlorobenzene	1.98 mg/kg	ND
2-Methylphenol	1.98 mg/kg	ND
bis(2-Chloroisopropyl) ether	1.98 mg/kg	ND
4-Methylphenol	1.98 mg/kg	ND
N-Nitroso-Di-N-propylamine	1.98 mg/kg	ND
Hexachloroethane	1.98 mg/kg	ND
Nitrobenzene	1.98 mg/kg	ND
Isophorone	1.98 mg/kg	ND
2-Nitrophenol	1.98 mg/kg	ND
2,4-Dimethylphenol	1.98 mg/kg	ND
Benzoic Acid	9.90 mg/kg	ND
bis(2-Chloroethoxy)methane	1.98 mg/kg	ND
2,4-Dichlorophenol	1.98 mg/kg	ND
1,2,4-Trichlorobenzene	1.98 mg/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

301 000117

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (mg/kg) **</u>
Naphthalene	1.98 mg/kg	ND
4-Chloroaniline	3.90 mg/kg	ND
Hexachlorobutadiene	1.98 mg/kg	ND
4-Chloro-3-methylphenol	3.90 mg/kg	ND
2-Methylnaphthalene	1.98 mg/kg	ND
Hexachlorocyclopentadiene	1.98 mg/kg	ND
2,4,6-Trichlorophenol	1.98 mg/kg	ND
2,4,5-Trichlorophenol	1.98 mg/kg	ND
2-Chloronaphthalene	1.98 mg/kg	ND
2-Nitroaniline	9.90 mg/kg	ND
Dimethyl phthalate	1.98 mg/kg	ND
Acenaphthylene	1.98 mg/kg	ND
3-Nitroaniline	9.90 mg/kg	ND
Acenaphthene	1.98 mg/kg	ND
2,4-Dinitrophenol	9.90 mg/kg	ND
4-Nitrophenol	9.90 mg/kg	ND
Dibenzofuran	1.98 mg/kg	ND
2,4-Dinitrotoluene	1.98 mg/kg	ND
2,6-Dinitrotoluene	1.98 mg/kg	ND
Diethylphthalate	1.98 mg/kg	ND
4-Chlorophenyl phenyl ether	1.98 mg/kg	ND
Fluorene	1.98 mg/kg	ND
4-Nitroaniline	9.90 mg/kg	ND
4,6-Dinitro-2-methylphenol	9.90 mg/kg	ND
N-Nitrosodiphenylamine	1.98 mg/kg	ND
4-Bromophenyl phenyl ether	1.98 mg/kg	ND
Hexachlorobenzene	1.98 mg/kg	ND
Pentachlorophenol	9.90 mg/kg	ND
Phenanthrene	1.98 mg/kg	ND
Anthracene	1.98 mg/kg	ND
Di-n-butylphthalate	1.98 mg/kg	ND
Fluoranthene	1.98 mg/kg	ND
Pyrene	1.98 mg/kg	ND
Butyl benzyl phthalate	1.98 mg/kg	ND
3,3'-Dichlorobenzidine	3.90 mg/kg	ND
Benzo(a)anthracene	1.98 mg/kg	ND
bis(2-ethylhexyl)phthalate	1.98 mg/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

<u>Constituent</u>	<u>Approximate Detection Limit*</u>		<u>Concentration (mg/kg)**</u>
Chrysene	1.98	mg/kg	ND
Di-n-octyl phthalate	1.98	mg/kg	ND
Benzo(b)fluoranthene	1.98	mg/kg	ND
Benzo(k)fluoranthene	1.98	mg/kg	ND
Benzo(a)pyrene	1.98	mg/kg	ND
Indeno(1,2,3-cd)pyrene	1.98	mg/kg	ND
Dibenz(a,h)anthracene	1.98	mg/kg	ND
Benzo(g,h,i)perylene	1.98	mg/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.



Gregory W. Everett,
Project Manager
Industrial Waste

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRU ELAB S

CLIENT **Georemediation**
14 Hughes, Suite B-101
Irvine, California 92718
Attention: GARY CARLIN

DATE July 25, 1987

RECEIVED July 17

SAMPLE **C.C.P. #6**
Project: Coca-Cola, Torrance

LABORATORY NO. 34136-6

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (mg/kg)**</u>
Phenol	19.8 mg/kg	ND
bis(2-Chloroethyl) ether	19.8 mg/kg	ND
2-Chlorophenol	19.8 mg/kg	ND
1,3-Dichlorobenzene	19.8 mg/kg	ND
1,4-Dichlorobenzene	19.8 mg/kg	ND
Benzyl Alcohol	3.90 mg/kg	ND
1,2-Dichlorobenzene	19.8 mg/kg	ND
2-Methylphenol	19.8 mg/kg	ND
bis(2-Chloroisopropyl) ether	19.8 mg/kg	ND
4-Methylphenol	19.8 mg/kg	ND
N-Nitroso-Di-N-propylamine	19.8 mg/kg	ND
Hexachloroethane	19.8 mg/kg	ND
Nitrobenzene	19.8 mg/kg	ND
Isophorone	19.8 mg/kg	ND
2-Nitrophenol	19.8 mg/kg	ND
2,4-Dimethylphenol	19.8 mg/kg	ND
Benzoic Acid	9.90 mg/kg	ND
bis(2-Chloroethoxy)methane	19.8 mg/kg	ND
2,4-Dichlorophenol	19.8 mg/kg	ND
1,2,4-Trichlorobenzene	19.8 mg/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

301 000120

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (mg/kg) **</u>
Naphthalene	19.8 mg/kg	342
4-Chloroaniline	39.0 mg/kg	ND
Hexachlorobutadiene	19.8 mg/kg	ND
4-Chloro-3-methylphenol	39.0 mg/kg	ND
2-Methylnaphthalene	19.8 mg/kg	204
Hexachlorocyclopentadiene	19.8 mg/kg	ND
2,4,6-Trichlorophenol	19.8 mg/kg	ND
2,4,5-Trichlorophenol	19.8 mg/kg	ND
2-Chloronaphthalene	19.8 mg/kg	ND
2-Nitroaniline	99.0 mg/kg	ND
Dimethyl phthalate	19.8 mg/kg	ND
Acenaphthylene	19.8 mg/kg	ND
3-Nitroaniline	99.0 mg/kg	ND
Acenaphthene	19.8 mg/kg	ND
2,4-Dinitrophenol	99.0 mg/kg	ND
4-Nitrophenol	99.0 mg/kg	ND
Dibenzofuran	19.8 mg/kg	ND
2,4-Dinitrotoluene	19.8 mg/kg	ND
2,6-Dinitrotoluene	19.8 mg/kg	ND
Diethylphthalate	19.8 mg/kg	ND
4-Chlorophenyl phenyl ether	19.8 mg/kg	ND
Fluorene	19.8 mg/kg	52.8
4-Nitroaniline	99.0 mg/kg	ND
4,6-Dinitro-2-methylphenol	99.0 mg/kg	ND
N-Nitrosodiphenylamine	19.8 mg/kg	ND
4-Bromophenyl phenyl ether	19.8 mg/kg	ND
Hexachlorobenzene	19.8 mg/kg	ND
Pentachlorophenol	99.0 mg/kg	ND
Phenanthrene	19.8 mg/kg	93.0
Anthracene	19.8 mg/kg	ND
Di-n-butylphthalate	19.8 mg/kg	ND
Fluoranthene	19.8 mg/kg	ND
Pyrene	19.8 mg/kg	ND
Butyl benzyl phthalate	19.8 mg/kg	ND
3,3'-Dichlorobenzidine	39.0 mg/kg	ND
Benzo(a)anthracene	19.8 mg/kg	ND
bis(2-ethylhexyl)phthalate	19.8 mg/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.


** ND = Not detected, below detection limit.

<u>Constituent</u>	<u>Approximate Detection Limit*</u>		<u>Concentration (ng/kg)**</u>
Chrysene	19.8	ng/kg	ND
Di-n-octyl phthalate	19.8	ng/kg	ND
Benzo(b)fluoranthene	19.8	ng/kg	ND
Benzo(k)fluoranthene	19.8	ng/kg	ND
Benzo(a)pyrene	19.8	ng/kg	ND
Indeno(1,2,3-cd)pyrene	19.8	ng/kg	ND
Dibenz(a,h)anthracene	19.8	ng/kg	ND
Benzo(g,h,i)perylene	19.8	ng/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.



Gregory W. Everett,
Project Manager
Industrial Waste

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT **Georemediation**
14 Hughes, Suite B-101
Irvine, California 92718
Attention: GARY CARLIN

DATE July 25, 1987

RECEIVED July 17

SAMPLE **C.C.P. #8**
Project: Coca-Cola, Torrance

LABORATORY NO. 34136-8

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (mg/kg)**</u>
Phenol	1.98 mg/kg	ND
bis(2-Chloroethyl) ether	1.98 mg/kg	ND
2-Chlorophenol	1.98 mg/kg	ND
1,3-Dichlorobenzene	1.98 mg/kg	ND
1,4-Dichlorobenzene	1.98 mg/kg	ND
Benzyl Alcohol	3.90 mg/kg	ND
1,2-Dichlorobenzene	1.98 mg/kg	ND
2-Methylphenol	1.98 mg/kg	ND
bis(2-Chloroisopropyl) ether	1.98 mg/kg	ND
4-Methylphenol	1.98 mg/kg	ND
N-Nitroso-Di-N-propylamine	1.98 mg/kg	ND
Hexachloroethane	1.98 mg/kg	ND
Nitrobenzene	1.98 mg/kg	ND
Isophorone	1.98 mg/kg	ND
2-Nitrophenol	1.98 mg/kg	ND
2,4-Dimethylphenol	1.98 mg/kg	ND
Benzoic Acid	9.90 mg/kg	ND
bis(2-Chloroethoxy)methane	1.98 mg/kg	ND
2,4-Dichlorophenol	1.98 mg/kg	ND
1,2,4-Trichlorobenzene	1.98 mg/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

301 000123

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

<u>Constituent</u>	<u>Approximate Detection Limit*</u>		<u>Concentration (ng/kg) **</u>
Naphthalene	1.98	mg/kg	ND
4-Chloroaniline	3.90	mg/kg	ND
Hexachlorobutadiene	1.98	mg/kg	ND
4-Chloro-3-methylphenol	3.90	mg/kg	ND
2-Methylnaphthalene	1.98	mg/kg	ND
Hexachlorocyclopentadiene	1.98	mg/kg	ND
2,4,6-Trichlorophenol	1.98	mg/kg	ND
2,4,5-Trichlorophenol	1.98	mg/kg	ND
2-Chloronaphthalene	1.98	mg/kg	ND
2-Nitroaniline	9.90	mg/kg	ND
Dimethyl phthalate	1.98	mg/kg	ND
Acenaphthylene	1.98	mg/kg	ND
3-Nitroaniline	9.90	mg/kg	ND
Acenaphthene	1.98	mg/kg	ND
2,4-Dinitrophenol	9.90	mg/kg	ND
4-Nitrophenol	9.90	mg/kg	ND
Dibenzofuran	1.98	mg/kg	ND
2,4-Dinitrotoluene	1.98	mg/kg	ND
2,6-Dinitrotoluene	1.98	mg/kg	ND
Diethylphthalate	1.98	mg/kg	ND
4-Chlorophenyl phenyl ether	1.98	mg/kg	ND
Fluorene	1.98	mg/kg	ND
4-Nitroaniline	9.90	mg/kg	ND
4,6-Dinitro-2-methylphenol	9.90	mg/kg	ND
N-Nitrosodiphenylamine	1.98	mg/kg	ND
4-Bromophenyl phenyl ether	1.98	mg/kg	ND
Hexachlorobenzene	1.98	mg/kg	ND
Pentachlorophenol	9.90	mg/kg	ND
Phenanthrene	1.98	mg/kg	ND
Anthracene	1.98	mg/kg	ND
Di-n-butylphthalate	1.98	mg/kg	ND
Fluoranthene	1.98	mg/kg	ND
Pyrene	1.98	mg/kg	ND
Butyl benzyl phthalate	1.98	mg/kg	ND
3,3'-Dichlorobenzidine	3.90	mg/kg	ND
Benzo(a)anthracene	1.98	mg/kg	ND
bis(2-ethylhexyl)phthalate	1.98	mg/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (mg/kg)**</u>
Chrysene	1.98 mg/kg	ND
Di-n-octyl phthalate	1.98 mg/kg	ND
Benzo(b)fluoranthene	1.98 mg/kg	ND
Benzo(k)fluoranthene	1.98 mg/kg	ND
Benzo(a)pyrene	1.98 mg/kg	ND
Indeno(1,2,3-cd)pyrene	1.98 mg/kg	ND
Dibenz(a,h)anthracene	1.98 mg/kg	ND
Benzo(g,h,i)perylene	1.98 mg/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.



Gregory W. Everett,
Project Manager
Industrial Waste

C-1- 10221-00
INVOICE

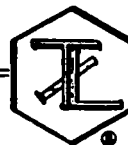
TRUESDAIL LABORATORIES, INC.

TAX I. D. / 95-1308430

DUPLICATE

CHEMISTS - MICROBIOLOGISTS - ENGINEERS

RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABSStoney-Miller
14 Hughes, Suite B101
Irvine, CA 92718

Attention: Gary Carlin

INVOICE NO. 105373

ORDER NO.

DATE June 27, 1989

To Professional Services

LABORATORY NUMBER 33359-1,2,5,6

Project Name:

Project No.:

<u>QTY.</u>	<u>DESCRIPTION OR TEST</u>	<u>\$/EACH</u>	<u>SUBTOTAL</u>
4	EDA 8270 + 50% Rush	\$675	\$2,700
4	TPH (418.1) + 50% Rush	\$86	\$344
TOTAL AMOUNT DUE			\$3,044.00

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301 000126

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT **Georemediation**
14 Hughes, Suite B101
Irvine, CA 92718
Attention: Gary Carlin

DATE **June 26, 1989**

RECEIVED **June 21, 1989**

SAMPLE **4 Soil samples** Project: **Coca-Cola, Torrance** LABORATORY NO.

33359-1
2,5,6

INVESTIGATION

Total Petroleum Hydrocarbons (418.1)

Sample I.D.

RESULTS Concentration mg/kg

E-1,2'	24
E-2',3'	2,760
E-5,2'	1,340
E-4,4'	279

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Greg W. Everett
Project Manager

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration** Micrograms/Kilogram</u>
Naphthalene	1.98 mg/kg	ND
4-Chloroaniline	3.90 mg/kg	ND
Hexachlorobutadiene	1.98 mg/kg	ND
4-Chloro-3-methylphenol	3.90 mg/kg	ND
2-Methylnaphthalene	1.98 mg/kg	ND
Hexachlorocyclopentadiene	1.98 mg/kg	ND
2,4,6-Trichlorophenol	1.98 mg/kg	ND
2,4,5-Trichlorophenol	1.98 mg/kg	ND
2-Chloronaphthalene	1.98 mg/kg	ND
2-Nitroaniline	9.90 mg/kg	ND
Dimethyl phthalate	1.98 mg/kg	ND
Acenaphthylene	1.98 mg/kg	ND
3-Nitroaniline	9.90 mg/kg	ND
Acenaphthene	1.98 mg/kg	ND
2,4-Dinitrophenol	9.90 mg/kg	ND
4-Nitrophenol	9.90 mg/kg	ND
Dibenzofuran	1.98 mg/kg	ND
2,4-Dinitrotoluene	1.98 mg/kg	ND
2,6-Dinitrotoluene	1.98 mg/kg	ND
Diethylphthalate	1.98 mg/kg	ND
4-Chlorophenyl phenyl ether	1.98 mg/kg	ND
Fluorene	1.98 mg/kg	ND
4-Nitroaniline	9.90 mg/kg	ND
4,6-Dinitro-2-methylphenol	9.90 mg/kg	ND
N-Nitrosodiphenylamine	1.98 mg/kg	ND
4-Bromophenyl phenyl ether	1.98 mg/kg	ND
Hexachlorobenzene	1.98 mg/kg	ND
Pentachlorophenol	9.90 mg/kg	ND
Phenanthrene	1.98 mg/kg	ND
Anthracene	1.98 mg/kg	ND
Di-n-butylphthalate	1.98 mg/kg	ND
Fluoranthene	1.98 mg/kg	ND
Pyrene	1.98 mg/kg	ND
Butyl benzyl phthalate	1.98 mg/kg	ND
3,3'-Dichlorobenzidine	3.90 mg/kg	ND
Benzo(a)anthracene	1.98 mg/kg	ND
bis(2-ethylhexyl)phthalate	1.98 mg/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

TRUESDAIL LABORATORIES, INC.

Georemediation

Laboratory Number: 33359-1

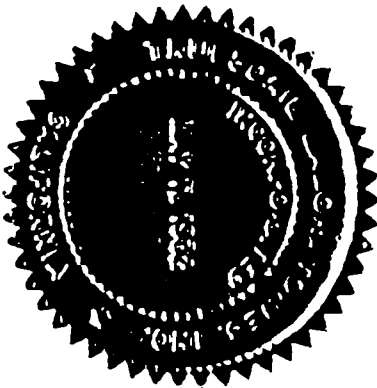
June 26, 1989

Page three

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration** Micrograms/Kilogram</u>
Chrysene	1.98 mg/kg	ND
Di-n-octyl phthalate	1.98 mg/kg	ND
Benzo(b)fluoranthene	1.98 mg/kg	ND
Benzo(k)fluoranthene	1.98 mg/kg	ND
Benzo(a)pyrene	1.98 mg/kg	ND
Indeno(1,2,3-cd)pyrene	1.98 mg/kg	ND
Dibenz(a,h)anthracene	1.98 mg/kg	ND
Benzo(g,h,i)perylene	1.98 mg/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

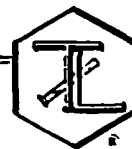


Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Greg W. Everett
Greg W. Everett
Project Manager

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT **Georemediation**
14 Hughes, Suite B101
Irvine, CA 92718
Attention: Gary Carlin

DATE **June 26, 1989**

RECEIVED **June 21, 1989**

SAMPLE **E-2,3'**

LABORATORY NO. **33359-2**

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration** Micrograms/Kilogram</u>
Phenol	1.98 mg/kg	ND
bis(2-Chloroethyl) ether	1.98 mg/kg	ND
2-Chlorophenol	1.98 mg/kg	ND
1,3-Dichlorobenzene	1.98 mg/kg	ND
1,4-Dichlorobenzene	1.98 mg/kg	ND
Benzyl Alcohol	3.90 mg/kg	ND
1,2-Dichlorobenzene	1.98 mg/kg	ND
2-Methylphenol	1.98 mg/kg	ND
bis(2-Chloroisopropyl) ether	1.98 mg/kg	ND
4-Methylphenol	1.98 mg/kg	ND
N-Nitroso-Di-N-propylamine	1.98 mg/kg	ND
Hexachloroethane	1.98 mg/kg	ND
Nitrobenzene	1.98 mg/kg	ND
Isophorone	1.98 mg/kg	ND
2-Nitrophenol	1.98 mg/kg	ND
2,4-Dimethylphenol	1.98 mg/kg	ND
Benzoic Acid	9.90 mg/kg	ND
bis(2-Chloroethoxy)methane	1.98 mg/kg	ND
2,4-Dichlorophenol	1.98 mg/kg	ND
1,2,4-Trichlorobenzene	1.98 mg/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

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301 000130

Georemediation

Laboratory Number: 33359-2

June 26, 1989

Page two

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration** Micrograms/Kilogram</u>
Naphthalene	1.98 mg/kg	ND
4-Chloroaniline	3.90 mg/kg	ND
Hexachlorobutadiene	1.98 mg/kg	ND
4-Chloro-3-methylphenol	3.90 mg/kg	ND
2-Methylnaphthalene	1.98 mg/kg	ND
Hexachlorocyclopentadiene	1.98 mg/kg	ND
2,4,6-Trichlorophenol	1.98 mg/kg	ND
2,4,5-Trichlorophenol	1.98 mg/kg	ND
2-Chloronaphthalene	1.98 mg/kg	ND
2-Nitroaniline	9.90 mg/kg	ND
Dimethyl phthalate	1.98 mg/kg	ND
Acenaphthylene	1.98 mg/kg	ND
3-Nitroaniline	9.90 mg/kg	ND
Acenaphthene	1.98 mg/kg	ND
2,4-Dinitrophenol	9.90 mg/kg	ND
4-Nitrophenol	9.90 mg/kg	ND
Dibenzofuran	1.98 mg/kg	ND
2,4-Dinitrotoluene	1.98 mg/kg	ND
2,6-Dinitrotoluene	1.98 mg/kg	ND
Diethylphthalate	1.98 mg/kg	ND
4-Chlorophenyl phenyl ether	1.98 mg/kg	ND
Fluorene	1.98 mg/kg	ND
4-Nitroaniline	9.90 mg/kg	ND
4,6-Dinitro-2-methylphenol	9.90 mg/kg	ND
N-Nitrosodiphenylamine	1.98 mg/kg	ND
4-Bromophenyl phenyl ether	1.98 mg/kg	ND
Hexachlorobenzene	1.98 mg/kg	ND
Pentachlorophenol	9.90 mg/kg	ND
Phenanthrene	1.98 mg/kg	ND
Anthracene	1.98 mg/kg	ND
Di-n-butylphthalate	1.98 mg/kg	ND
Fluoranthene	1.98 mg/kg	ND
Pyrene	1.98 mg/kg	ND
Butyl benzyl phthalate	1.98 mg/kg	ND
3,3'-Dichlorobenzidine	3.90 mg/kg	ND
Benzo(a)anthracene	1.98 mg/kg	ND
bis(2-ethylhexyl)phthalate	1.98 mg/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

Georemediation
Laboratory Number: 33359-2
June 26, 1989
Page three

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration** Micrograms/Kilogram</u>
Chrysene	1.98 mg/kg	ND
Di-n-octyl phthalate	1.98 mg/kg	ND
Benzo(b)fluoranthene	1.98 mg/kg	ND
Benzo(k)fluoranthene	1.98 mg/kg	ND
Benzo(a)pyrene	1.98 mg/kg	ND
Indeno(1,2,3-cd)pyrene	1.98 mg/kg	ND
Dibenz(a,h)anthracene	1.98 mg/kg	ND
Benzo(g,h,i)perylene	1.98 mg/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.



Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Gregory W. Everett
Greg W. Everett
Project Manager

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT **Georemediation**
14 Hughes, Suite B101
Irvine, CA 92718
Attention: Gary Carlin

DATE June 26, 1989

RECEIVED June 21, 1989

SAMPLE **E-5,2'**

LABORATORY NO. 33359-5

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration** Micrograms/Kilogram</u>
Phenol	1.98 mg/kg	ND
bis(2-Chloroethyl) ether	1.98 mg/kg	ND
2-Chlorophenol	1.98 mg/kg	ND
1,3-Dichlorobenzene	1.98 mg/kg	ND
1,4-Dichlorobenzene	1.98 mg/kg	ND
Benzyl Alcohol	3.90 mg/kg	ND
1,2-Dichlorobenzene	1.98 mg/kg	ND
2-Methylphenol	1.98 mg/kg	ND
bis(2-Chloroisopropyl) ether	1.98 mg/kg	ND
4-Methylphenol	1.98 mg/kg	ND
N-Nitroso-Di-N-propylamine	1.98 mg/kg	ND
Hexachloroethane	1.98 mg/kg	ND
Nitrobenzene	1.98 mg/kg	ND
Isophorone	1.98 mg/kg	ND
2-Nitrophenol	1.98 mg/kg	ND
2,4-Dimethylphenol	1.98 mg/kg	ND
Benzoic Acid	9.90 mg/kg	ND
bis(2-Chloroethoxy)methane	1.98 mg/kg	ND
2,4-Dichlorophenol	1.98 mg/kg	ND
1,2,4-Trichlorobenzene	1.98 mg/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

301 000133

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Georemediation

Laboratory Number: 33359-5

June 26, 1989

Page two

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration** Micrograms/Kilogram</u>
Naphthalene	1.98 mg/kg	ND
4-Chloroaniline	3.90 mg/kg	ND
Hexachlorobutadiene	1.98 mg/kg	ND
4-Chloro-3-methylphenol	3.90 mg/kg	ND
2-Methylnaphthalene	1.98 mg/kg	ND
Hexachlorocyclopentadiene	1.98 mg/kg	ND
2,4,6-Trichlorophenol	1.98 mg/kg	ND
2,4,5-Trichlorophenol	1.98 mg/kg	ND
2-Chloronaphthalene	1.98 mg/kg	ND
2-Nitroaniline	9.90 mg/kg	ND
Dimethyl phthalate	1.98 mg/kg	ND
Acenaphthylene	1.98 mg/kg	ND
3-Nitroaniline	9.90 mg/kg	ND
Acenaphthene	1.98 mg/kg	ND
2,4-Dinitrophenol	9.90 mg/kg	ND
4-Nitrophenol	9.90 mg/kg	ND
Dibenzofuran	1.98 mg/kg	ND
2,4-Dinitrotoluene	1.98 mg/kg	ND
2,6-Dinitrotoluene	1.98 mg/kg	ND
Diethylphthalate	1.98 mg/kg	ND
4-Chlorophenyl phenyl ether	1.98 mg/kg	ND
Fluorene	1.98 mg/kg	ND
4-Nitroaniline	9.90 mg/kg	ND
4,6-Dinitro-2-methylphenol	9.90 mg/kg	ND
N-Nitrosodiphenylamine	1.98 mg/kg	ND
4-Bromophenyl phenyl ether	1.98 mg/kg	ND
Hexachlorobenzene	1.98 mg/kg	ND
Pentachlorophenol	9.90 mg/kg	ND
Phenanthrene	1.98 mg/kg	ND
Anthracene	1.98 mg/kg	ND
Di-n-butylphthalate	1.98 mg/kg	ND
Fluoranthene	1.98 mg/kg	ND
Pyrene	1.98 mg/kg	ND
Butyl benzyl phthalate	1.98 mg/kg	ND
3,3'-Dichlorobenzidine	3.90 mg/kg	ND
Benzo(a)anthracene	1.98 mg/kg	ND
bis(2-ethylhexyl)phthalate	1.98 mg/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

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TRUESDAIL LABORATORIES, INC.

Georemediation

Laboratory Number: 33359-5

June 26, 1989

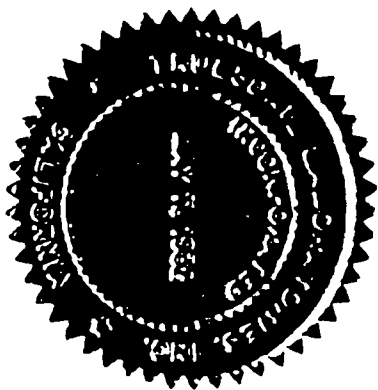
Page three

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration** Micrograms/Kilogram</u>
Chrysene	1.98 mg/kg	ND
Di-n-octyl phthalate	1.98 mg/kg	ND
Benzo(b)fluoranthene	1.98 mg/kg	ND
Benzo(k)fluoranthene	1.98 mg/kg	ND
Benzo(a)pyrene	1.98 mg/kg	ND
Indeno(1,2,3-cd)pyrene	1.98 mg/kg	ND
Dibenz(a,h)anthracene	1.98 mg/kg	ND
Benzo(g,h,i)perylene	1.98 mg/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

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Respectfully submitted,
TRUESDAIL LABORATORIES, INC.



Greg W. Everett
Greg W. Everett
Project Manager

301 000135

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

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TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT **Georemediation**
14 Hughes, Suite B101
Irvine, CA 92718
Attention: Gary Carlin

DATE June 26, 1989

RECEIVED June 21, 1989

SAMPLE **E-4,4'**

LABORATORY NO. 33359-

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration** Micrograms/Kilogram</u>
Phenol	1.98 mg/kg	ND
bis(2-Chloroethyl) ether	1.98 mg/kg	ND
2-Chlorophenol	1.98 mg/kg	ND
1,3-Dichlorobenzene	1.98 mg/kg	ND
1,4-Dichlorobenzene	1.98 mg/kg	ND
Benzyl Alcohol	3.90 mg/kg	ND
1,2-Dichlorobenzene	3.90 mg/kg	ND
2-Methylphenol	3.90 mg/kg	ND
bis(2-Chloroisopropyl) ether	3.90 mg/kg	ND
4-Methylphenol	3.90 mg/kg	ND
N-Nitroso-Di-N-propylamine	3.90 mg/kg	ND
Hexachloroethane	3.90 mg/kg	ND
Nitrobenzene	3.90 mg/kg	ND
Isophorone	3.90 mg/kg	ND
2-Nitrophenol	3.90 mg/kg	ND
2,4-Dimethylphenol	3.90 mg/kg	ND
Benzoic Acid	9.90 mg/kg	ND
bis(2-Chloroethoxy)methane	1.98 mg/kg	ND
2,4-Dichlorophenol	1.98 mg/kg	ND
1,2,4-Trichlorobenzene	1.98 mg/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

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TRUESDAIL LABORATORIES, INC.**Georemediation**

Laboratory Number: 33359-6

June 26, 1989

Page two

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration** Micrograms/Kilogram</u>
Naphthalene	1.98 mg/kg	ND
4-Chloroaniline	3.90 mg/kg	ND
Hexachlorobutadiene	1.98 mg/kg	ND
4-Chloro-3-methylphenol	3.90 mg/kg	ND
2-Methylnaphthalene	1.98 mg/kg	ND
Hexachlorocyclopentadiene	1.98 mg/kg	ND
2,4,6-Trichlorophenol	1.98 mg/kg	ND
2,4,5-Trichlorophenol	1.98 mg/kg	ND
2-Chloronaphthalene	1.98 mg/kg	ND
2-Nitroaniline	9.90 mg/kg	ND
Dimethyl phthalate	1.98 mg/kg	ND
Acenaphthylene	1.98 mg/kg	ND
3-Nitroaniline	9.90 mg/kg	ND
Acenaphthene	1.98 mg/kg	ND
2,4-Dinitrophenol	9.90 mg/kg	ND
4-Nitrophenol	9.90 mg/kg	ND
Dibenzofuran	1.98 mg/kg	ND
2,4-Dinitrotoluene	1.98 mg/kg	ND
2,6-Dinitrotoluene	1.98 mg/kg	ND
Diethylphthalate	1.98 mg/kg	ND
4-Chlorophenyl phenyl ether	1.98 mg/kg	ND
Fluorene	1.98 mg/kg	ND
4-Nitroaniline	9.90 mg/kg	ND
4,6-Dinitro-2-methylphenol	9.90 mg/kg	ND
N-Nitrosodiphenylamine	1.98 mg/kg	ND
4-Bromophenyl phenyl ether	1.98 mg/kg	ND
Hexachlorobenzene	1.98 mg/kg	ND
Pentachlorophenol	9.90 mg/kg	ND
Phenanthrene	1.98 mg/kg	ND
Anthracene	1.98 mg/kg	ND
Di-n-butylphthalate	1.98 mg/kg	ND
Fluoranthene	1.98 mg/kg	ND
Pyrene	1.98 mg/kg	ND
Butyl benzyl phthalate	1.98 mg/kg	ND
3,3'-Dichlorobenzidine	3.90 mg/kg	ND
Benzo(a)anthracene	1.98 mg/kg	ND
bis(2-ethylhexyl)phthalate	1.98 mg/kg	ND

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301 000137

TRUESDAIL LABORATORIES, INC.

Georemediation

Laboratory Number: 33359-5

June 26, 1989

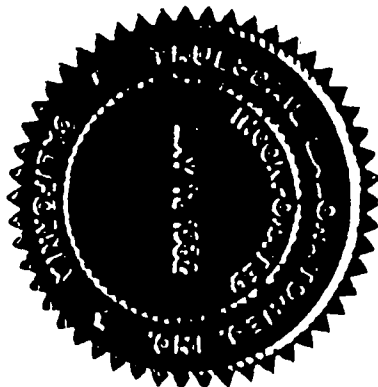
Page three

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration** Micrograms/Kilogram</u>
Chrysene	1.98 mg/kg	ND
Di-n-octyl phthalate	1.98 mg/kg	ND
Benzo(b)fluoranthene	1.98 mg/kg	ND
Benzo(k)fluoranthene	1.98 mg/kg	ND
Benzo(a)pyrene	1.98 mg/kg	ND
Indeno(1,2,3-cd)pyrene	1.98 mg/kg	ND
Dibenz(a,h)anthracene	1.98 mg/kg	ND
Benzo(g,h,i)perylene	1.98 mg/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

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Respectfully submitted,
TRUESDAIL LABORATORIES, INC.



Greg W. Everett
Greg W. Everett
Project Manager

301 000138

0639-2597

SENT BY: CCLA

5-15-89 10:11AM

2137448668

7148308239: # 1

Coca-Cola Enterprises Inc.
1334 South Central Avenue
Los Angeles, CA 90021
213 746-5555

Coca-Cola Enterprises
A Bottling System.

FACSIMILE COVER SHEET

FACSIMILE MACHINE: (213) 745-6141

DATE:

3/15/89

TIME:

10:15 AM

PLEASE DELIVER THE FOLLOWING

6

PAGES(S) TO:

NAME:

GARY CARLIN

FACSIMILE NUMBER:

(714) 830-8239

FROM:

PAUL RAMIREZ

COMMENTS:

FOR YOUR REVIEW. PLEASE
ADVISE AS THE TOTAL COST ON THE

301 000139

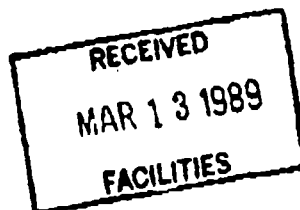
Cal Tank Testing

#1

March 9, 1989

3296 S. Mooney Blvd.
Visalia, CA 93277
(209) 625.9911

Raul Ramirez
Coca Cola Enterprises
P.O. Box 21931
Los Angeles, California 90021



Re: Site clean up at 19875 Pacific Gateway Facility
in Torrance, California.

Mr. Ramirez:

As per your request I personally conducted a site walk at the above mentioned future Coca Cola Facility, and reviewed the copy of the sub surface investigation report that you provided for me. I feel I have a good understanding of Coca Cola's needs at this site, and can provide the needed services in a speedy fashion upon your approval of the proposed costing for services listed below.

Services and related costing for clean up and disposal of contaminated soils, and backfill, compaction and resurfacing excavation area with asphalt. Based on 500 yds. of contaminated soils that is to be disposed of.

A.

1. Permitting
2. Necessary equipment for break out and disposal of existing asphalt and concrete from the area of concern (if the asphalt is not contaminated and/or considered hazardous waste).
3. Equipment for excavation of the contaminated soils and loading of hazardous waste transportation trucks, (includes one cat crawler with ripper and a four in one clam bucket, 966 front end loader).
4. Tripple rinse and removal of concrete vault.
5. Mobil laboratory on site, up to 30 samples for analysis 4 hr. turn around.
6. Registered Geologist to take samples for analysis in mobil laboratory, estimated for 4 days.
7. Photovac for 4 days to screen samples.
8. Backfill material and compaction.
9. Project manager- five days field work.
10. Report on site clean-up by Registered Geologist.

Sub Total ----- \$ 126,000.00

301 000140

B. Disposal fees and transportation of contaminated soils, based on 500 (five hundred) cubic yards.

1. Disposal fees, 1% County tax, transportation based on cubic yard price - \$ 227.00 per cubic yard, \$ 237.00 per cubic yard x 500 cubic yard is ----- \$ 118,500.00

Sub Total ----- \$ 118,500.00

c. Resurfacing of area with asphalt ----- \$ 8,000.00

Sub Total ----- \$ 8,000.00

Total of Sub Totals ----- \$ 252,500.00

Note:

For any additional cubic yards of soils to be excavated time and materials will apply. Disposal fee's will remain at the figure of \$ 237.00 per cubic yard.

Mr. Ramirez:

Cal Tank Testing & Construction can and will start permitting procedures on this project upon receipt of your authorization and purchase order

If you have any questions please call me at 1-800-233-0859.

P.S. Enclosed you will find a few pictures I took for you.

Thank you
Truly yours,



Doc Quinn
C.T.T.C.
Director of Services

c.c. Mr. Ed Todd

Dc/dkq

#2

total cost.

	500	750	1000
Excavate	5072	8064	10,480
Transport/Drop	68775	103162	137,549
Backfill	6357	12907	17215
Rem. material	T/M	T/M	T/M
Shoring	T/M	T/M	T/M
Lab	800	800	800
Base Asphalt	7600	7600	7600
	88,606	132,533	173,444



1022 Eubank Avenue • Wilmington, California 90744
(213) 518-0900 • (213) 518-0526 • (213) 775-3309

Mr. Raul Ramirez
Manager, Facilities Department
Coca-Cola Los Angeles
1334 South Central Avenue
Los Angeles, California 90021

Dear Mr. Ramirez,

Ancon Environmental Services (Ancon) is pleased to submit the following information to provide all necessary manpower, equipment and labor to accomplish the following Scopes of Work:

Scope of Work Number 1

-Break and remove four (4) inch asphalt as indicated in site map provided.
Estimated Cost.....\$ 7,600.00

Scope of Work Number 2

-Excavate, remove and load transporting vehicle with contaminated soil in the following quantities:

Estimated cost 500 cubic yards.....	\$ 5,072.00
Estimated cost 750 cubic yards.....	\$ 8,064.00
Estimated cost 1000 cubic yards.....	\$ 10,480.00

Scope of Work Number 3

-Transport and dispose of contaminated soil in the following quantities:

Estimated cost 500 cubic yards.....	\$ 68,774.20
Estimated cost 750 cubic yards.....	\$103,161.30
Estimated cost 1000 cubic yards.....	\$137,548.40

Please note: Additional laboratory analysis is required by disposal sites prior to acceptance.

Approximate Cost.....\$ 200.00

Marine Supply
Transportation

Steel & Lumber Supply
Environmental Services

Surface Preparations & Coat
Liquid Solid Disposal

301 000143

SCOPE OF WORK NUMBER 4

-Expose, clean & required, remove and dispose of tank/clarifier.

* To be performed on a time and material basis according to our published rate sheet. (See attached.)

Scope of Work Number 5

-Backfill and compact (95 percent) to subgrade in the following quantities:

Estimated cost 500 cubic yards.....\$ 6,359.00
Estimated cost 750 cubic yards.....\$12,907.00
Estimated cost 1000 cubic yards.....\$17,215.00

MATERIAL INCL.?

Scope of Work Number 6

-Shoring (if required and if permitted by regulatory agencies involved) for structural support during excavation under or near the existing building.

* To be performed on a time and material basis according to our published rate sheet. (See attached.)

Thank you for the opportunity to bid on this work. If you have any questions or require further information, please feel free to contact us.

Sincerely,
Ancon Environmental Services

Dale Strieter

Dale Strieter
Manager of Technical Services

[Signature]

Allen
Hazardous Waste Specialist

1 7600.
2 5,072
3 68,774.20
5 6,359.00
48
85,105.20



STONEY-MILLER CONSULTANTS, INC.
GEOTECHNICAL ENGINEERING & ENGINEERING GEOLOGY

FACSIMILE TRANSMISSION SHEET

DATE: 4/6/89

TO: AN CON - DALLAS

FROM: GARY CARLIN

SUBJECT: LABORATORY RESULTS - EROSION ANALYSES

NUMBER OF PAGES TO FOLLOW: 2

CALL IF YOU DO NOT RECEIVE ALL OF THIS TRANSMISSION

301 000145

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730
AREA CODE 213 • 64
CABLE: TRUESDAIL

CLIENT **GEOREMEDIATION**
14 Hughes Street, Suite B101
Irvine, CA 92718

DATE April 6, 1989

RECEIVED March 24, 1989

SAMPLE **Soil S-1, Project: Stoney Miller**
Coca-Cola, Torrance

LABORATORY NO. 32344

INVESTIGATION

PURGEABLE ORGANICS (Volatiles) by EPA 8010 GC-HECD

RESULTS

<u>Constituent</u>	<u>Detection Limit*</u> <u>ug/kg</u>	<u>Concentration**</u> <u>ug/kg</u>
Bromodichloromethane	5.0	ND
Bromoform	5.0	ND
Carbon Tetrachloride	5.0	ND
Chlorobenzene	5.0	ND
Chloroform	5.0	ND
bis (2-Chloroethyl) ether	5.0	ND
Dibromochloromethane	5.0	ND
1,2-Dichlorobenzene	5.0	ND
1,3-Dichlorobenzene	5.0	ND
1,4-Dichlorobenzene	5.0	ND
Dichlorodifluoromethane	5.0	ND
1,1-Dichloroethane	5.0	ND
1,2-Dichloroethane	5.0	ND
1,1-Dichloroethene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND
1,2-Dichloropropane	5.0	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND: Not detected, below the detection limit.

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity without prior written authorization from these Laboratories.

301 000146

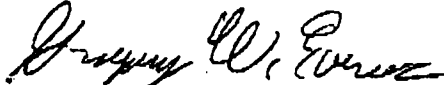
<u>Constituent</u>	<u>Detection Limit*</u> <u>ug/kg</u>	<u>Concentration**</u> <u>ug/kg</u>
cis-1,3-Dichloropropene	5.0	ND
trans-1,3-Dichloropropene	5.0	ND
Methylene Chloride	5.0	ND
1,1,2,2-Tetrachloroethane	5.0	ND
Tetrachloroethene	5.0	ND
1,1,1-Trichloroethane	5.0	ND
1,1,2-Trichloroethane	5.0	ND
Trichloroethene	5.0	ND
Trichlorofluoromethane	5.0	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND: Not detected, below the detection limit.

Respectfully submitted,

TRUESDAIL LABORATORIES, INC.


Gregory W. Everett, Project Manager
Water and Waste Laboratory

301 000147

LETTER OF TRANSMITTAL

(213) 461-0932

TO STONEY-MILLER CONSULTANT
14 HUGHES, SUITE B-101
IRVINE, CA 92718

DATE	6-12-89	JOB NO.	
ATTENTION	MR. GARY CARLIN		
RE:	COCA-COLA CARSON FAC.		

WE ARE SENDING YOU ☒ Attached ☐ Under separate cover via _____ the following items:

- ☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications
☐ Copy of letter ☐ Change order ☒ MYLAR

COPIES	DATE	NO.	DESCRIPTION
1		C3	SITE GRADING / DRAINAGE PLAN

THESE ARE TRANSMITTED as checked below:

- ☐ For approval ☐ Approved as submitted ☐ Resubmit _____ copies for approval
☒ For your use ☐ Approved as noted ☐ Submit _____ copies for distribution
☐ As requested ☐ Returned for corrections ☐ Return _____ corrected prints
☐ For review and comment ☐ _____
☐ FOR BIDS DUE _____ 19 _____ ☐ PRINTS RETURNED AFTER LOAN TO US

REMARKS

PER MR. RAUL RAMIREZ REQUEST,

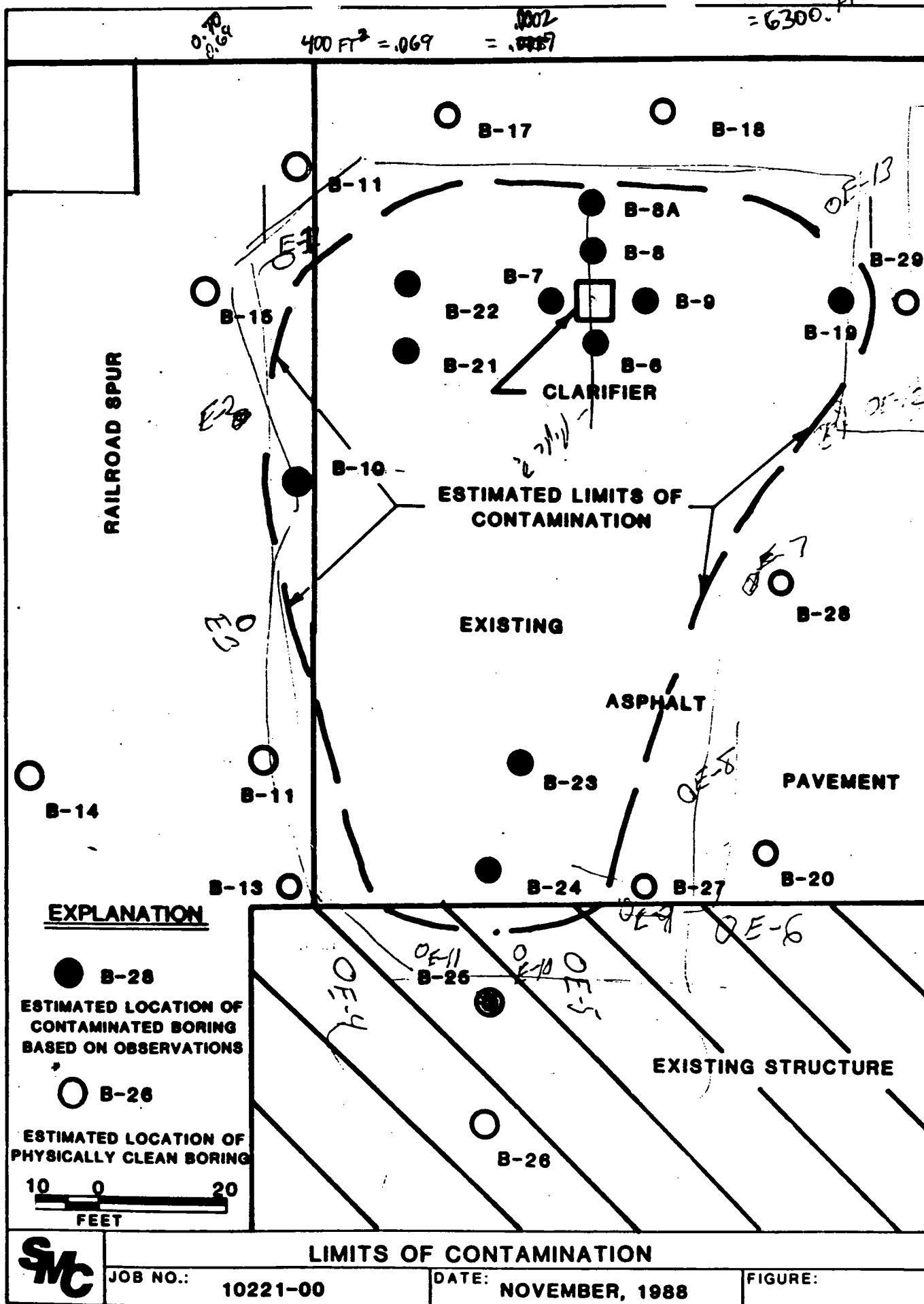
To confirm our telephone conversation today, to the best of your knowledge, you feel that we will not need a AQMB permit for the new Distribution Center we are building -

COPY TO

R. Ramirez

SIGNED:

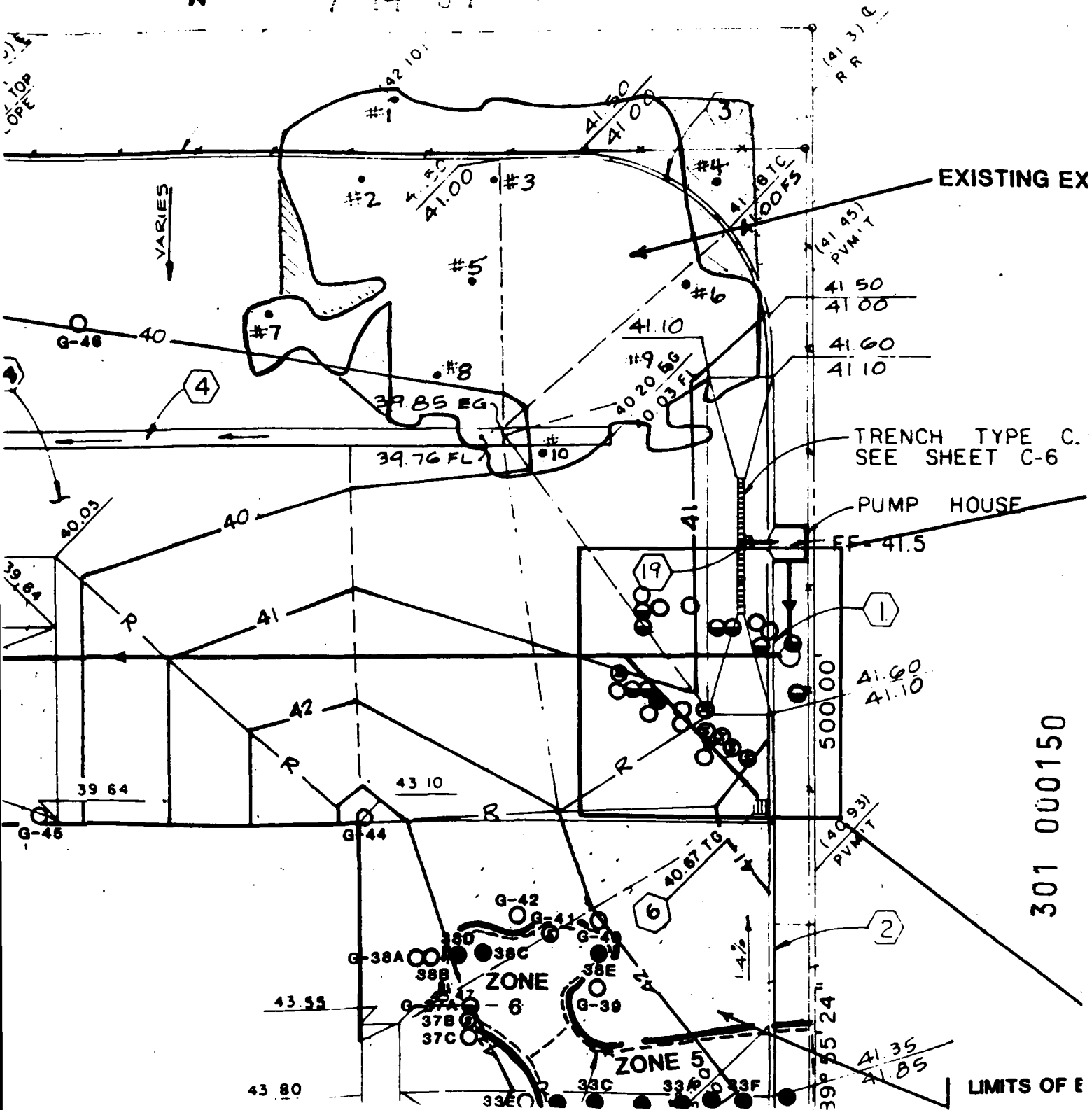
Carlos 301 000148



Coca-Cola, Torrance
PIT SAMPLES ("C.C.P.")

2-3 GRAVEL EDGE.
SEE DETAIL SHEET C-5

7-14-89 1" = 40'



Coca-Cola Torrance Facility

Problem: 2900 to 5000 cubic yards of contaminated soil beneath the site. Contaminants are relatively non-volatile naphthalenes. Some concentrations are over the 1000 ppm concentration criteria for determining hazardous waste characteristics. Site has been razed and construction is ready to start.

Options:

- 1). No action - leave contamination in place and build facility. Regulators do not appear to be concerned about the contamination and it does not appear to be a threat to groundwater (DTW @ ~100 feet).

Advantages: ① no additional expenses or delays during construction

Disadvantages: ① any future transactions involving this site may be complicated by the contamination issue (site is public information).

② since some concentrations exceed hazardous waste levels state regulators may eventually develop an "interest" in this site or apply more stringent regulations

in the future.

③ Once the facility is built, remediation will be virtually impossible.

- 2). Excavate and Dispose - excavate contaminated soil and dispose at an authorized landfill. If concentrations are over 1000 ppm, this must be a Class I landfill. Soil with concentrations below 1000 ppm may be disposed at a Class III facility with prior approval.

Advantages: excavation and removal will leave the site free and clear of the identified contaminants. Future property transactions or regulator intervention should not be a problem.

Disadvantages: ① Excavation and proper disposal is expensive. Disposal costs alone run \$250 - 300.⁰⁰ per cubic yard. Based on the estimated volume used, these costs will conservatively range from \$70,000 to 1,500,000 at a Class I facility. Disposal at a Class III facility will be considerably cheaper; probably \$145,000 to 250,000.⁰⁰. These prices do not include excavation, transportation, documentation, and conditional contamination of soil.

- ② Placing material in a Class I landfill does not alleviate Coca-Cola's ownership of the material. Coca-Cola will maintain all ownership and liability and may potentially (very high potential) be required to participate in cleanup of the landfill at some point in time.

Disposal of material at a Class III facility, (BKK Landfill was mentioned) may increase both liability and visibility. These landfills are typically not constructed to contain anything except household wastes. According to the California Department of Health, BKK was formerly a Class I facility which was closed in 1984. It was re-opened as a Class III facility in 1985 and has had numerous compliance violations. In addition, a residential area is reportedly located very near the facility. This neighborhood was evacuated in 1986 because of methane leaks from BKK.

- ③ Construction will be delayed about 2 weeks. This time will be necessary to excavate, remove, and dispose of soil. In addition, confirmatory sampling and chemical analysis should be performed.

- 3). Excavate and On-site Treatment: excavate contaminated soils and treat on-site to reduce contaminant concentrations to acceptable levels. Once constructed, treatment cell will not affect construction or operation of plant.

advantages: ① end result of treatment will leave site free and clear of identified contaminants. Future property transactions or regulatory involvement should not present a problem.

② On-site treatment eliminates the secondary liability associated with disposal at landfills.

③ On-site treatment is much less expensive than disposal at Class I landfill. Ballpark estimate for on-site treatment is \$500,000. compared to \$70,000 to 1.5 million for disposal.

Disadvantages: ① Construction may be delayed up to six weeks to allow for system design and permitting (if required). Two weeks estimate for construction of treatment cell and placement of soil.

SUMMARY OF REMAINING CONTAMINATED SOIL

AREA	CU YDS
------	--------

1	CONTAMINATED OVERBURDEN	600 ✓ 800
---	-------------------------	--------------

2	CONTAMINATED OVERBURDEN	300 304
---	-------------------------	------------

3	CONTAMINATED OVERBURDEN	12 12
---	-------------------------	----------

4	CONTAMINATED OVERBURDEN	
---	-------------------------	--

4 { 610.8
0

~~2210~~ ? - 1219
0

5	CONTAMINATED OVERBURDEN	
---	-------------------------	--

5 { 505.9
0

860
0

TOTAL	CONTAMINATED OVERBURDEN	
-------	-------------------------	--

6 { 102.1
0

-3982
-1169
1116

2791 →

UNDER OLD BUILDING	CONTAMINATED OVERBURDEN	
--------------------	-------------------------	--

7 { 860
0

900
1100

Recommend

break into 3 zones (no overburden)
two 2' deep (ignore the 1' area)
one 5' deep on map

total contaminated
soil to remove 1218.8 cu. yds.
from old Zone 4

$\times 2461.5 =$

$$\begin{aligned} 2' A &: 0.56 = 1378.4 \times 2 = 2756.8 \div 27 = 102.1 \\ 2' B &: 3.35 = 8246.0 \times 2 = 16492.0 \div 27 = 610.8 \\ 5' &: 1.11 = 2732.3 \times 5 = 13661.5 \div 27 = 505.9 \\ 1' &: 1.46 = 3593.8 \times 1 = 3593.8 \div 27 = 133.1 \end{aligned}$$

SUMMARY OF REMAINING CONTAMINATED SOIL

ZONE		AREA(ft ²)	THICKNESS(ft)	CU YDS
1	CONTAMINATED OVERBURDEN	10,806	1.5	600 800
2	CONTAMINATED OVERBURDEN	4,110.7	2.0	300 304
3	CONTAMINATED OVERBURDEN	664.6	0.5	12 12
4	CONTAMINATED OVERBURDEN	8,246	2.0	611 0
5	CONTAMINATED OVERBURDEN	2,732.3	5.0	506 0
6	CONTAMINATED OVERBURDEN	1,378.4	2.0	102 0
7	CONTAMINATED OVERBURDEN	1,722.7	13.5	860 0
TOTAL	CONTAMINATED OVERBURDEN			2991 1116
UNDER OLD BUILDING	CONTAMINATED OVERBURDEN			900 1100

4245 100% 100%

DATE 6-21-89 PAGE 1 OF 1

[illegible]



BKK LANDFILL
2210 SO. AZUSA AVENUE • WEST COVINA, CA 91791

No 03410

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR	NAME <u>COCA-COLA BOTTLING CO</u>		EPA I.D. NO. <u>CA 0918121411181013</u>
	ADDRESS <u>19875 PACIFIC GATEWAY</u>		
	CITY, STATE, ZIP <u>TORRANCE, CA 90502</u>		PHONE NO. <u>(213) 746-5555</u>
	CONTAINERS: No. _____ VOLUME <u>2900 Cu Yd</u> WEIGHT _____		
TO BE COMPLETED BY GENERATOR	TYPE: <input type="checkbox"/> TANK TRUCK <input checked="" type="checkbox"/> DUMP TRUCK <input type="checkbox"/> DRUMS <input type="checkbox"/> CARTONS <input type="checkbox"/> OTHER _____		
	WASTE DESCRIPTION <u>Soil</u>		GENERATING PROCESS <u>UNKNOWN</u>
	COMPONENTS OF WASTE PPM %		COMPONENTS OF WASTE PPM %
	1. <u>Total Petroleum Hydrocarbons 5136</u>		5. _____
TO BE COMPLETED BY GENERATOR	2. <u>Total Organic Halides 115</u>		6. _____
	3. <u>See Attached</u>		7. _____
	4. _____		8. _____
	PROPERTIES: pH <u>7.8</u> <input checked="" type="checkbox"/> SOLID <input type="checkbox"/> LIQUID <input type="checkbox"/> SLUDGE <input type="checkbox"/> SLURRY <input type="checkbox"/> OTHER _____		
HANDLING INSTRUCTIONS: _____			
THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.		TYPED OR PRINTED FULL NAME & SIGNATURE _____ DATE _____	
TRANSPORTER	NAME _____		EPA I.D. NO. _____
	ADDRESS _____		SERVICE ORDER NO. _____
	CITY, STATE, ZIP _____		PICK UP DATE _____
	PHONE NO. () _____		
TRUCK UNIT, I.D. NO. _____		TYPED OR PRINTED FULL NAME & SIGNATURE _____ DATE _____	
TSD FACILITY	NAME _____		EPA I.D. NO. _____
	ADDRESS _____		DISPOSAL METHOD <input type="checkbox"/> LANDFILL <input type="checkbox"/> OTHER _____
	CITY, STATE, ZIP _____		
	PHONE NO. () _____		
TYPED OR PRINTED FULL NAME & SIGNATURE _____		DATE _____	
GEN _____		OLD/NEW _____	L A TONS
TRANS _____			S B
C/O _____		RT/CD _____	HWDF NONE
DISCREPANCY		301 000159	



STONEY-MILLER CONSULTANTS, INC.
GEOTECHNICAL ENGINEERING & ENGINEERING GEOLOGY

CHAIN OF CUSTODY RECORD

DATE COLLECTED: 7-14-89 PROJECT: Coca-Cola
SAMPLED BY: FJB PROJECT LOCATION: Torrance
SAMPLE Excavation pit

LOCATION	DATE	DESCRIPTION	ANALYSIS
C.C.P. #1	7-14	Soil - 6" brass ring	418.1
C.C.P. #2			418.1 + 8270
C.C.P. #3			418.1
C.C.P. #4			418.1 + 8270
C.C.P. #5			418.1
C.C.P. #6			418.1 + 8270
C.C.P. #7			418.1
C.C.P. #8			418.1 + 8270
C.C.P. #9			418.1
C.C.P. #10			418.1

SAMPLE TRANSFER

1	RELINQUISHED BY: <u>Francis G. Blake</u>	DATE: <u>7-17-89</u>
	RECEIVED BY: <u>Rhonda M. Gwalt</u>	DATE: <u>7-17-89</u>
2	RELINQUISHED BY: _____	DATE: _____
	RECEIVED BY: _____	DATE: _____
3	RELINQUISHED BY: _____	DATE: _____
	RECEIVED BY: _____	DATE: _____
4	RELINQUISHED BY: _____	DATE: _____
	RECEIVED BY: _____	DATE: _____

COMPOSITE LOG OF Sample Collection TO CHARACTERIZE SOIL ALONG PACIFIC GATEWAY

COCA-COLA

6-21-89

	1'	2'	3'	4'	5'
F-1	CLEAN	CLEAN	CLEAN	CLEAN	
F-2	CLEAN	odor / ^{DARK} COLOR	→	CLEAN	CLEAN
F-3	CLEAN	CLEAN	CLEAN	CLEAN	CLEAN
F-4	CLEAN	CLEAN	CLEAN	CLEAN	CLEAN
E-1	ODOR	^{DARK} COLOR ODOR	ODOR	CLEAN	
E-2	CLEAN	LIGHT ODOR	LIGHT ODOR /	^{GREEN} COLOR / ODOR	ODOR CLEAN
E-3	CLEAN	ODOR	odor / ^{GREEN} COLOR	^{DARK BROWN} COLOR →	5' PLUS
E-4	CLEAN	CLEAN	ODOR / ^{GREEN} COLOR	→	8' PLUS
E-5	CLEAN	CLEAN	ODOR / ^{COLOR} GREEN		



INTERNATIONAL
TECHNOLOGY
CORPORATION

4585 Pacheco Boulevard • Martinez, CA 94553
Telephone: (415) 372-9100

HAZARDOUS WASTE PREDISPOSAL EVALUATION

A. APPROVAL # 27955
EVALUATION #

B. GENERATOR INFORMATION:

GENERATOR NAME COCA-COLA BOTTLING - L.A.
MAILING ADDRESS 1334 SOUTH CENTRAL
LOS ANGELES, CA 90021
SITE ADDRESS 19875-19899 PACIFIC GATEWAY
TORRANCE, CA
EPA ID# _____
TECHNICAL CONTACT RAUL RAMIREZ PHONE 213-746-5555

C. CUSTOMER INFORMATION:

CUSTOMER NAME ANCON ENVIRONMENTAL
ADDRESS 1022 EUBANK AVE
WILMINGTON, CA 90744
CONTACT DALE STRIETER - MARK WARR
PHONE 213-518-0900
TRANSPORTER _____
EPA ID# _____

I
T
U
E
O
N
L
Y

WASTE STREAM#

ACCT MGR _____

DATE SUBMITTED _____

CUSTOMER ID# _____

ANALYTICAL CHARGES _____

P.O./CONTRACT# _____

BILLING INSTRUCTIONS: _____

D. WASTE DESCRIPTION: CONTAMINATED SOIL

GENERATING PROCESS UNKNOWN TBD

VOLUME _____ GALLONS 520-1000 BIC YARDS

FREQUENCY ☐ One Time ☐ Week ☐ Month ☐ Quarter ☐ Year

METHOD OF SHIPMENT ☐ Bulk Liquid ☐ Bulk Solid ☐ Drums

DRUM TYPE AND SIZE _____

E. SHIPPING INFORMATION:

D.O.T. PROPER SHIPPING NAME California

Regulated Waste only

R.O. _____ UN/NA# _____

HAZARD CLASS _____

RCRA WASTE? ☐ Yes ☒ No CODE _____

CA. HAZARDOUS WASTE? ☒ Yes ☐ No CODE _____

CA. RESTRICTED WASTE ☐ Yes ☒ No

F. HAZARDS: LOW MOD. HIGH

INHA L ☒ ☐ ☐

DER L ☒ ☐ ☐

ORA L ☒ ☐ ☐

FLAM ABLE ☒ ☐ ☐

REACTIVITY ☒ ☐ ☐

MATERIAL SAFETY DATA SHEETS ATTACHED? NO

SPECIAL HANDLING NO

YES NO

☐ ☒ PYROPHORIC

☐ ☒ EXPLOSIVE

☐ ☒ SHOCK SENSITIVE

☐ ☒ WATER REACTIVE

☐ ☒ OTHER

G.

COLOR DARK SOIL

ODOR _____

☒ Mild ☐ None

☐ Strong

H. PHYSICAL STATE:

☐ Liquids 0 % Free Liquids

☒ Solids ☐ Single Layer

☐ Sludge ☐ Double Layer

☐ Powder ☐ Multi-Layer

I. pH:

☐ 2 ☐ 10-12

☐ 2-6 ☐ >12

☒ 6-8 ☐ 7.8 Exact

☐ 8-10

J. NORMALITY:

☐ 0.1-1.0 ☐ 4.1-5.0

☐ 1.1-2.0 ☐ 5.1-6.0

☐ 2.1-3.0 ☐ >6.0

☐ 3.1-4.0 ☐ _____ Exact

K. SPECIFIC GRAVITY:

☐ <0.8 ☐ 1.4-1.7

☐ 0.8-1.0 ☐ >1.7

☐ 1.0-1.2 ☐ _____ Exact

☐ 1.2-1.4

L. FLASH POINT:

☐ 100F

☐ 100-140F

☒ 140-200F

Method CC

M. CHEMICAL COMPOSITION:

SOIL 99 %

SEE ATTACHED ANALYSIS _____ %

_____ %

_____ %

ACID TYPES _____ %

_____ %

BASE TYPE _____ %

OXIDIZER TYPE _____ %

WATER _____ %

OIL _____ %

TOTAL 4 100%

UNK YES NO

☐ ☐ ☐ CYANIDES <0.04 PPM

☐ ☐ ☒ FORMALDEHYDE PPM

☐ ☐ ☒ PCB <0.4 PPM

☐ ☐ ☒ PHENOLS PPM

☐ ☐ ☒ SULFIDES <0.1 PPM

☐ ☐ ☒ AMMONIA PPM

☐ ☐ ☒ DIOXINS PPM

☐ ☐ ☒ PESTICIDE PPM

PESTICIDE GROUP _____ PPM

☐ ☐ ☒ HALOGENATED ORGANICS PPM

OTHER _____ PPM

N. METALS:

TOTAL PPM SOLUBLE PPM

Tl _____ PPM Tl _____ P

As SEE PPM As _____ P

Hg SEE PPM Hg _____ P

Se ATTACHED PPM Se _____ P

Pb ATTACHED PPM Pb _____ P

Cd ATTACHED PPM Cd _____ P

Ni _____ PPM Ni _____ P

Cr _____ PPM Cr _____ P

Cr+6 _____ PPM Cr+6 _____ P

V _____ PPM V _____ P

Be _____ PPM Be _____ P

Cu _____ PPM Cu _____ P

Fe _____ PPM Fe _____ P

Co _____ PPM Co _____ P

Zn _____ PPM Zn _____ P

OTHER _____

OTHER _____

O. ANALYTICAL INSTRUCTIONS: ☐ STANDARD PREDISPOSAL ☐ RUSH (subject to surcharge) ☐ REQUEST FOR ANALYSIS

SPECIFIC INSTRUCTIONS: N/A

P. CERTIFICATION: I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THE ABOVE INFORMATION AND ATTACHMENTS FULLY AND ACCURATELY CHARACTERIZE THE CHEMICAL AND PHYSICAL PROPERTIES OF THE WASTE STREAM. I UNDERSTAND THAT THIS SAMPLE IS ASSUMED BY IT CORPORATION TO BE REPRESENTATIVE OF THE WASTE STREAM AND THAT ACCEPTABILITY AND PRICE ESTIMATES BASED ON THIS SAMPLE MAY CHANGE ACCORDING TO THE COMPOSITION OF ACTUAL WASTES ANALYZED AT TRUCK RECEIVING.

NAME: DALE STRIETER SIGNATURE: Dale Strieter DATE: 4-5-89 PHONE: 213-518-0900

A.T. AND S.F.R.R.

UNKNOWN
UNDERGROUND
VESSEL



WAREHOUSE
VACANT

PARKING
LOT

FENCE

SUBJECT TO FIELD INSPECTION

The approval of these plans and/or specifications does not exempt them from strict compliance with all other pertinent Sections of the Municipal Code and other laws and regulations

APPROVED
62622

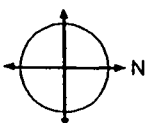
LOS ANGELES FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION

BY

Eric J. Heine
3-27-89

PACIFIC GATEWAY

301 000163



TITLE:
COCA-COLA LOS ANGELES
19875-19899 PACIFIC GATEWAY
LOS ANGELES, CALIFORNIA

SCALE:  APPROXIMATE SCALE IN FEET
0 20 40 60 80

DATE:	3-24-89
DRAWN BY:	HA. RADOVIC
PREPARED FOR:	COCA-COLA-LA
JOB #:	302036
DRAWING NAME:	COCACOLA

ANCON ENVIRONMENTAL SERVICES
1022 EUBANK AVENUE
WILMINGTON, CA 90744
PHONE: (213) 518-0900

Call Neal - Oncon

5-25-89

Coca-cola Drill boring

Francis + 2 Labor

- holes 7 @ 10' 12 @ 5' 6 @ 20'

1 WK To complete drillings

1 week from Monday 5th of JUNE

1st week of July to start rough grading

ATTN: Neil Allen

Have yet to Recieve

TOX Data for Coca Cola.
Will get them to you
AS SOON AS POSSIBLE.

Ed Cieslak

30 May 89

E-1

slight 1 1/2 ft

2' moderate to heavy

4' Heavy

5' Clean

removed and by

E-2 Clean to 4'

E-3 Clean to 6'

E-4 clean to 6'

E-5 inpenetrable rubble 2'; clean

E-6 clean to 5'

E-7 clean to 5'

E-8 rubble & debris to 2 ft clean to 5 ft

E-9 rubble & debris to 2 ft then with clay

E-10 clean to 5 ft

E-11 clean to 3 ft

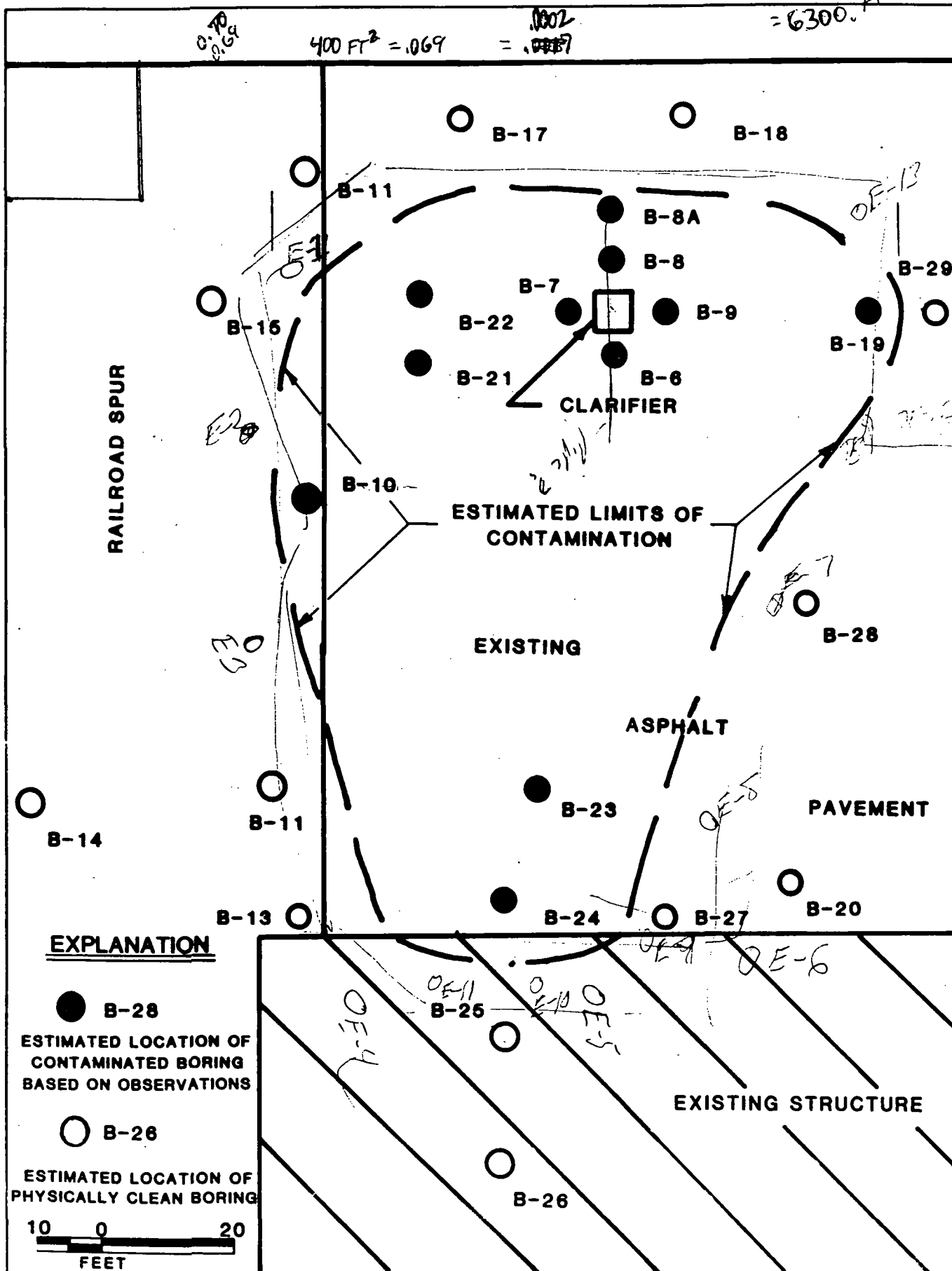
E-12 1 ft thin pervious, rounded material heavy clay

@ 3 1/2 ft light brown clay sand, no shell, no soda

E-13 @ 2 ft light brown clay sand, no soda

1.260 + 1.000
= 6300. FT²

0.70
0.69
400 FT² = .069 = .0007



2. 1/2 1/2 1/2

SMC	LIMITS OF CONTAMINATION	JOB NO.: 10221-00	DATE: NOVEMBER, 1988
		FIGURE:	

301 000167

CCE-West
1334 South Central Avenue
Los Angeles, CA 90021
213 746-5555

LETTER OF TRANSMITTAL

CCE-West

DATE	September 15, 1989
ATTENTION	Gary Carlin
SUBJECT	CARSON

TO

General Remediation

17141 Murphy, Suite D

Irvine, CA 92714

GENTLEMEN:

WE ARE SENDING YOU ☒ Attached ☐ Under separate cover via _____
the following items:

☐ Shop Drawings ☐ Prints ☒ Plans ☐ Samples ☐ Specifications

☐ Copy of Letter ☐ Change Order _____

COPIES	DATE	NO.	DESCRIPTION

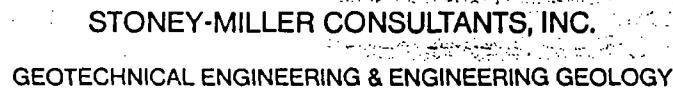
THESE ARE TRANSMITTED as checked below:

- | | | |
|---|---|---|
| <input type="checkbox"/> For Approval | <input type="checkbox"/> Approved as submitted | <input type="checkbox"/> Resubmit__ copies for approval |
| <input checked="" type="checkbox"/> For your use | <input type="checkbox"/> Approved as noted | <input type="checkbox"/> Submit__ copies for distribution |
| <input type="checkbox"/> As requested | <input type="checkbox"/> Returned for corrections | <input type="checkbox"/> Return__ corrected prints |
| <input type="checkbox"/> For review and comment | | |
| <input type="checkbox"/> FOR BIDS DUE _____ 19__. | | |

REMARKS Please correct the plan showing the excavated area. We need this
done immediately.

Raul Ramirez

301 000168



DATE COLLECTED: 3/24/89 PROJECT: Coca Cola
SAMPLED BY: CEC PROJECT LOCATION: TORRANCE
SAMPLE S-1

SAMPLE TRANSFER

301 000169

DATE _____ PAGE ____ OF ____

[illegible]



CHAIN OF CUSTODY RECORD

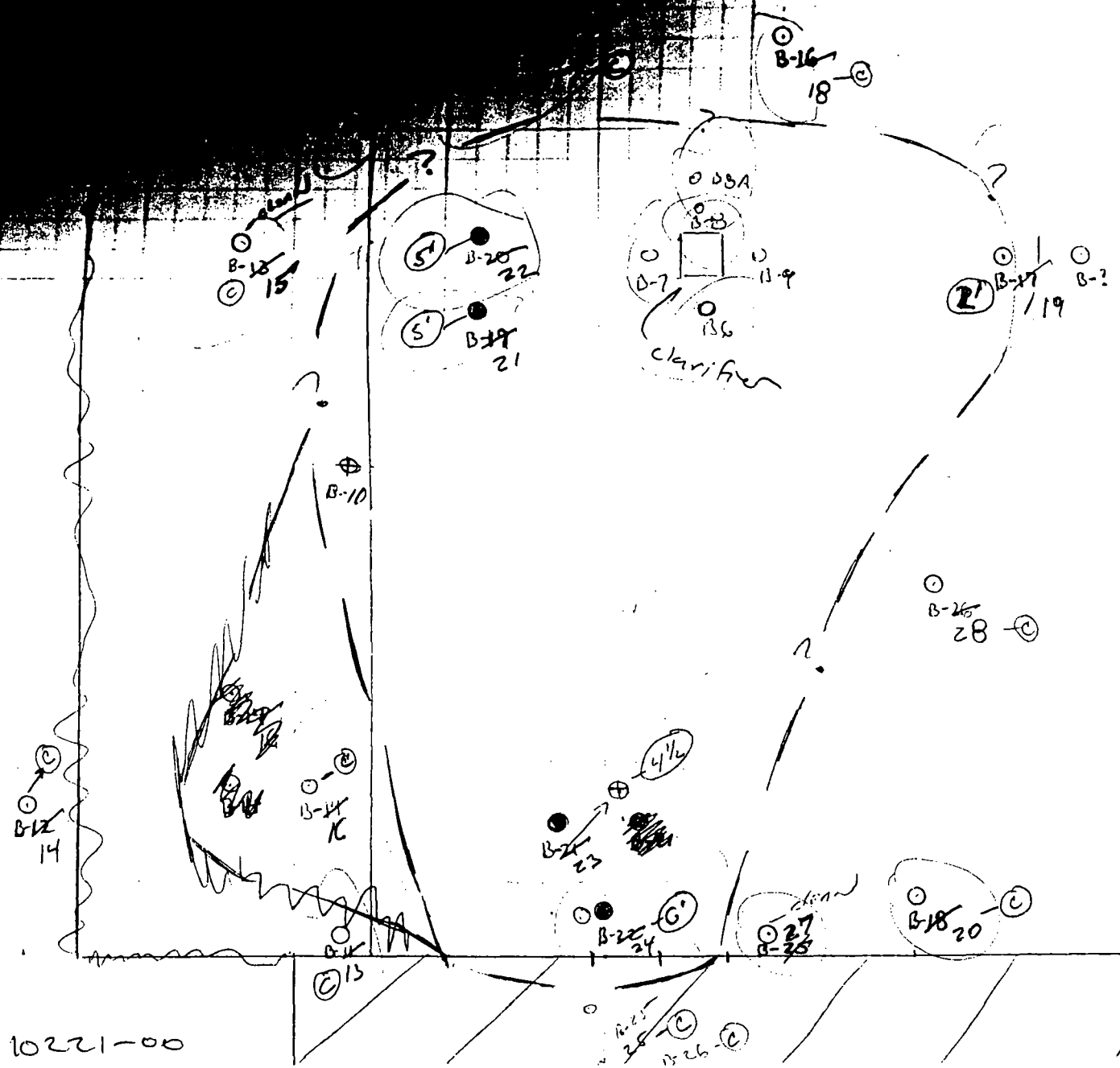
SAMPLED BY: JA + GTC PROJECT LOCATION: TOMLINSON

[illegible]

1	RELINQUISHED BY: <u>Theresa J. Carli</u>	DATE: <u>10/5/88</u>
	RECEIVED BY: <u>Ben Anderson</u>	DATE: <u>10-5-88</u>
2	RELINQUISHED BY: _____	DATE: _____
	RECEIVED BY: _____	DATE: _____
3	RELINQUISHED BY: _____	DATE: _____
	RECEIVED BY: _____	DATE: _____
4	RELINQUISHED BY: _____	DATE: _____
	RECEIVED BY: _____	DATE: _____

14 HUGHES, SUITE B-101 IRVINE, CA 92718 (714) 380-4886

1" = 20'



10221-00

301 000172



SAMPLED BY: GARY CARLIN PROJECT LOCATION: TORRANCE

SAMPLE

LOCATION	DATE	DESCRIPTION	ANALYSIS
B-7-5'	10-11-88	6" RING-SOIL	418.1 + 8270
" 10'	"	"	Will call
" 15'	"	"	418.1 + 8270
B-8 2 1/2'	"	"	Will call
" 8'	"	"	With instructions
" 15'	"	"	418.1 + 8270
B-9 2 1/2'	"	"	418.1 + 8270
" 5'	"	"	418.1 + 8270
" 10'	"	"	
" 15'	"	"	418.1 + 8270
B-10 3'	"	"	418.1 + 8270
" 10'	"	"	418.1 + 8270
B-11 8'	"	"	418.1 + 8270

SAMPLE TRANSFER

1	RELINQUISHED BY: <u>Mary J. Conlin</u>	DATE: <u>10/13/88</u>
	RECEIVED BY: _____	DATE: _____
2	RELINQUISHED BY: <u>[Signature]</u>	DATE: <u>10-13-88</u>
	RECEIVED BY: <u>[Signature]</u>	DATE: _____
3	RELINQUISHED BY: _____	DATE: _____
	RECEIVED BY: _____	DATE: _____
4	RELINQUISHED BY: _____	DATE: _____
	RECEIVED BY: _____	DATE: _____

301 000173

TRANSMISSION REPORT

9.20.1989 13:16

KG OSBORNE & ASSOC.

DATE	TIME	DURATION	REMOTE ID	MODE	PAGES	RESULT
9.20	13:15	0'55"	6824073148	SC	1	O.K.

D: PETE B...

From: Gary Caelic

SUMMARY OF CONTAMINATION SURVEY ACTIVITIES CONDUCTED BY SMC
ON THE SITE OF THE FUTURE COCA COLA WAREHOUSE FACILITY
IN TORRANCE, CALIFORNIA DURING JUNE, 1989.

BORING DESIGNATION	INITIAL CONTAMINATION CONTACT	LIMIT OF CONTAMINATION	TOTAL DEPTH OF BORING	COMMENTS
G-1	N.F.		10 FT.	N.F. = NOT FOUND
G-2	N.F.		10 FT	
G-3	1 FT.	2.5 FT.	10 FT.	
G-3A	6 IN.	18 IN.	2 FT.	
G-3B	6 IN.	18 IN.	2 FT.	
G-3C	6 IN.	18 IN.	2 FT.	
G-3D	6 IN.	15 IN.	2 FT.	
G-3E	18 IN.		2 FT.	VERY SLIGHT
G-3F	18 IN.		2 FT.	VERY SLIGHT
G-3G	6 IN.		10 IN.	MODERATE TO SLIGHT, TERMINATED AT PIECE OF CLAY PIPE
G-3H	6 IN.	10 IN.	1 FT.	
G-3I	N.F.		2 FT.	
G-3J	N.F.		2 FT.	
G-3K	6 IN.	18 IN.	2 FT.	
G-3L	6 IN.	18 IN.	2 FT.	SLIGHT
G-4	N.F.		10 FT.	
G-5	N.F.		10 FT.	

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BORING DESIGNATION	INITIAL CONTAMINATION CONTACT	LIMIT OF CONTAMINATION	TOTAL DEPTH OF BORING	COMMENTS
G-6	N.F.		10 FT.	
G-7	N.F.		5 FT.	
G-8	N.F.		10 FT.	
G-9	N.F.		10 FT.	
G-10	6 IN.	18 IN.	5 FT.	VERY SLIGHT
G-11	N.F.		5 FT.	
G-12	N.F.		5 FT.	
G-13	N.F.		5 FT.	
G-14	N.F.		5 FT.	
G-15	N.F.		5 FT.	
G-16	1 FT.		1 FT.	
G-16A	1 FT.		1 FT.	
G-16B	18 IN.	2 FT.	5 FT.	VERY SLIGHT
G-17	1 FT.		1 FT.	
G-17A	1 FT.		1 FT.	
G-17B	N.F.		5 FT.	
G-18	N.F.		5 FT.	
G-19	N.F.		5 FT.	
G-20		2 FT.	5 FT.	SLIGHT
G-20A		2 FT.	5 FT.	SLIGHT
G-20B	N.F.		5 FT.	
G-21	N.F.		5 FT.	

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Page 3

BORING DESIGNATION	INITIAL CONTAMINATION CONTACT	LIMIT OF CONTAMINATION	TOTAL DEPTH OF BORING	COMMENTS
G-22	1 FT.		1 FT.	
G-22A	1 FT.	14 FT.	15 FT.	RANGED FROM MODERATE NEAR SURFACE TO VERY SLIGHT NEAR TDB
G-23	18 IN.		7 FT.	NEAR SURFACE ODOR HAD GASOLINE- TYPE SMELL, DECREASED WITH DEPTH
G-23A	N.F.		2 FT.	CENTER OF CURRENT EXCAVATION
G-24	1 FT.	2 FT.	5 FT.	SLIGHT
G-24A	1 FT.	2 FT.	5 FT.	SLIGHT
G-24B	1 FT.	5 FT.	5 FT.	SLIGHT
G-25	N.F.		5 FT.	
G-25A	18 IN.		18 IN.	MODERATE
G-26	N.F.		5 FT.	
G-26A	N.F.		5 FT.	
G-27	N.F.		5 FT.	
G-27A	N.F.		5 FT.	
G-28	0	3 FT.	5 FT.	SLIGHT
G-29	0	2 FT.	5 FT.	NOT MAPPED AS MATERIAL WAS REMOVED SAME DAY

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BORING DESIGNATION	INITIAL CONTAMINATION CONTACT	LIMIT OF CONTAMINATION	TOTAL DEPTH OF BORING	COMMENTS
G-30	18 IN.	3 FT.	5 FT.	NOT MAPPED
G-31	0	18 IN.	5 FT.	NOT MAPPED
G-32	0	18 IN.	5 FT.	NOT MAPPED
G-33	6 IN.		3 FT.	STRONG ODOR
G-33A	0		5 FT.	STRONG ODOR
G-33B	0		5 FT.	STRONG NEAR SURFACE, SLIGHT AT TDB
G-33C	0		5 FT.	MODERATE NEAR SURFACE, SLIGHT AT TDB
G-33D	0		5 FT.	MODERATE NEAR SURFACE, SLIGHT AT TDB
G-33E	N.F.		5 FT.	
G-33F	0	2 FT.	5 FT.	STRONG TO SLIGHT
G-33G	0	2 FT.	2 FT.	SLIGHT TO STRONG @ 18" TO SLIGHT AT TDB
G-34	1 FT.	2.5 FT.	5 FT.	
G-34A	0	18 IN.	5 FT.	
G-34B	0	1 FT.	3 FT.	
G-35	6 IN.	42 IN.	4 FT.	SLIGHT

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BORING DESIGNATION	INITIAL CONTAMINATION CONTACT	LIMIT OF CONTAMINATION	TOTAL DEPTH OF BORING	COMMENTS
G-35A	N.F.		5 FT.	
G-36	6 IN.	42 IN.	5 FT.	MODERATE TO SLIGHT
G-36A	0		2 FT.	MODERATE
G-36B	0	<1 FT.	1 FT.	
G-36C	0	<1 FT.	1 FT.	
G-36D	0	<1 FT.	1 FT.	
G-36E	0	<1 FT.	1 FT.	
G-36F	N.F.		1 FT.	
G-36G	0	<1 FT.	2 FT.	
G-36H	0	1 FT.	2 FT.	
G-36I	0	1 FT.	2 FT.	
G-36J	0	1 FT.	2 FT.	
G-36K	0	2 FT.	2 FT.	SLIGHT
G-36L	0	2 FT.	2 FT.	
G-36M	0	2 FT.	2 FT.	MODERATE
G-36N	N.F.		2 FT.	
G-36O	N.F.		2 FT.	
G-36P	N.F.		2 FT.	
G-36Q	N.F.		2 FT.	
G-36R	0	2 FT..	5 FT.	VERY SLIGHT
G-36S	18 IN.	3 FT.	4 FT.	
G-36T	0	1 FT.	4 FT.	

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BORING DESIGNATION	INITIAL CONTAMINATION CONTACT	LIMIT OF CONTAMINATION	TOTAL DEPTH OF BORING	COMMENTS
G-36U	0	2 FT.	3.5 FT.	SLIGHT
G-36V	0	18 IN.	3 FT.	SLIGHT
G-36W	0	2 FT.	20 FT.	SLIGHT
G-37A	0	2 FT.	5 FT.	SLIGHT
G-37B	N.F.		2 FT.	
G-37C	N.F.		3.5 FT.	
G-38A	N.F.		5 FT.	
G-38B	N.F.		2 FT.	
G-38C	0	2 FT.	2 FT.	
G-38D	0	4 IN.	2 FT.	
G-38E	N.F.		3 FT.	
G-39	N.F.		4 FT.	
G-40	N.F.		5 FT.	
G-41	2 FT.		3 FT.	
G-42	N.F.		5 FT.	
G-43	N.F.		20 FT.	
G-43A	N.F.		4 FT.	
G-43B	N.F.		3 FT.	
G-44	N.F.		5 FT.	
G-45	N.F.		5 FT.	
G-46	N.F.		14 FT.	

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BORING DESIGNATION	INITIAL CONTAMINATION CONTACT	LIMIT OF CONTAMINATION	TOTAL DEPTH OF BORING	COMMENTS
G-47	18 IN.	2 FT.	5 FT.	ODOR POSSIBLY RELATED TO TREATED WOOD FRAGMENTS FOUND IN BORING
G-48	N.F.		5 FT.	
G-49	N.F.		5 FT.	
G-50	18 IN.		5.5 FT.	MODERATE TO SLIGHT
G-50A	2 FT.		5 FT.	MODERATE TO SLIGHT
G-50B	2 FT.		5 FT.	MODERATE TO SLIGHT
G-50C	0	<1 FT.	5 FT.	
G-50D	N.F.		5 FT.	
G-50E	2 FT.		5 FT.	MODERATE TO SLIGHT
G-50F	2 FT.		5 FT.	MODERATE TO SLIGHT
G-50G	18 IN.		5 FT.	SLIGHT TO STRONG TO MODERATE AT 3 FT.
G-50H	2 FT.		5 FT.	MODERATE TO SLIGHT
G-50I	0		5 FT.	SLIGHT TO MODERATE
G-50J	2 FT.		5 FT.	MODERATE TO SLIGHT

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BORING DESIGNATION	INITIAL CONTAMINATION CONTACT	LIMIT OF CONTAMINATION	TOTAL DEPTH OF BORING	COMMENTS
G-50K	0	4 FT.	5 FT.	SLIGHT TO STRONG AT 3 FT.
G-50L	18 IN.		3 FT.	MODERATE
G-50M	2 FT.		5 FT.	SEWAGE-TYPE ODOR
G-50N	18 IN.		5 FT.	
G-50O	26 IN.		5 FT.	
G-50P	2 FT.		5 FT.	MODERATE TO SLIGHT
G-50Q	0	3 FT.	5 FT.	SLIGHT TO MODERATE
G-50R	4 FT.		5 FT.	MODERATE
G-50S	2 FT.		5 FT.	SLIGHT TO STRONG
G-50T	0	2 FT.	5 FT.	
G-50U	2 FT.		5 FT.	
G-50V	42 IN.		5 FT.	VERY SLIGHT
G-50W	N.F.		5 FT.	
G-50X	N.F.		5 FT.	
G-50Y	3 FT.		5 FT.	SLIGHT TO MODERATE
G-50Z	N.F.		5 FT.	
G-51	2 FT.		5 FT.	SLIGHT

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BORING DESIGNATION	INITIAL CONTAMINATION CONTACT	LIMIT OF CONTAMINATION	TOTAL DEPTH OF BORING	COMMENTS
G-52	0		5 FT.	SLIGHT TO MODERATE AT 3 FT., STRONG TO TDB
G-52A	18 IN.		5 FT.	MODERATE
G-52B	2 FT.	4 FT.	5 FT.	
G-52C	18 IN.	2 FT.	3 FT.	ASPHALTIC MATERIAL IN BORING
G-52C1	N.F.		4 FT.	
G-52D	3 FT.	42 IN.	5 FT.	TARRY LUMPS
G-52E	2 FT.		5 FT.	MODERATE TO SLIGHT
G-52F	3 FT.		5 FT.	SLIGHT
G-52G	2 FT.		5 FT.	VERY SLIGHT "FISH OIL" ODOR
G-52H	3 FT.		5 FT.	VERY SLIGHT "MEDICINAL" ODOR
G-52I	3 FT.		5 FT.	MODERATE TO STRONG
G-52J	1 FT.		5 FT.	SLIGHT
G-52K	18 IN.		5 FT.	SLIGHT TO STRONG AT 3 FEET TO MODERATE AT TDB
G-52L	2 FT.	3 FT.	5 FT.	VERY SLIGHT

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BORING DESIGNATION	INITIAL CONTAMINATION CONTACT	LIMIT OF CONTAMINATION	TOTAL DEPTH OF BORING	COMMENTS
G-52M	2 FT.		5 FT.	VERY SLIGHT TO STRONG AT 30" TO MODERATE AT TDB
G-52N	2 FT.		5 FT.	SLIGHT TO MODERATE
G-520	2 FT.		5 FT.	SLIGHT
G-52P	N.F.		5 FT.	
G-53	2 FT.		5 FT.	VERY SLIGHT
E-1	1 FT.	4 FT.	5 FT.	
E-2	2 FT.	5 FT.	6 FT.	
E-3	2 FT.		5 FT.	
E-4	3 FT.		8 FT.	
E-5	3 FT.		3 FT.	
F-1	N.F.		4 FT.	
F-2	2 FT.	3 FT.	5 FT.	
F-3	N.F.		5 FT.	
F-4	N.F.		5 FT.	

301 000184

CocaCola Plant

7/18/88

Engr. Est for Georemediation

Methane Removal

Items	Quantity	U.P.	Total	Bid
1. Strip Ex AC	2800 cy	25-	70,000	95,200
2. Concrete Slurry Wall 4' x 8' x 2,000 LF	237 cy	12-	24,000	32,640
3. Class 2 Permeable Material		—	—	
4. Methane Venting Sys	LS	—	246,300	334,968
		total	340,300	
		6%	20,418	462,808
		30% →	360,718	
			108,215	
			468,933	

Specs.

1. STRIP Existing AC

Remove existing AC Parking lot & haul old site

Estimate a section of .5' AC on native material

≈ 150,000 sq Area

2. 4' slurry wall around perimeter of site. 10" Wide

3 sack Concrete slurry ± 2000 LF

11475
feeder
105/hr
or more

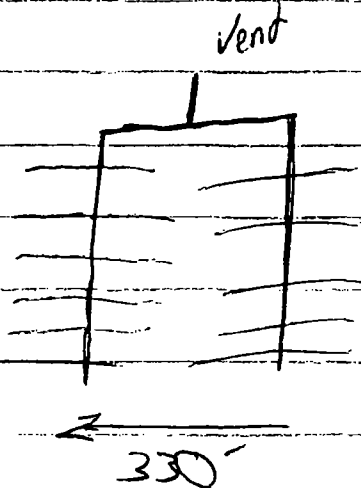
301 000185

4. Methane Vending System

150,000 ^{sq} AREA

450' x 330'

SAY 2" (Sch 80) [?] slotted pipe in a trench say 1' deep
 permeable material Backfill
 Membrane lined covering pipe area



Pipe Mainline	1200 LF	1200 LF
10' oc Br laterals	45 ea @ 330'	14,850 LF
450'		<u>16,050</u>

Pacific Irrigation 837-4460 Ron

slotted pipe Perforated w/ sock gravel

Sock \Rightarrow .26" / #

not sure pipe would spec out \rightarrow cost \approx 1¢/LF

3" ~~100~~ SDR 35
 solid perforated
 10' 58.50 / 100 LF
 w/ Bell
 3" tee 1 ^{lb} ea

4. methane Vent Cond.

# Collector pipe	160504@	6"	96,300 ¹⁴
150,000 ¹⁴ @ membrane liner		1"	150,000 ¹⁴
Geo membrane Abide & Below (C.W. Neal)			<hr/> 246,300

TELEPHONE BID

DATE 7/9/88

JOB

Coca Cola

FIRM

C.W. Neal

ADDRESS

CONTACT

Chuck

TYPE WORK

Install Liners

PHONE

619 441-8031

BID
INCLUSIONS

TOTAL BID

150,000 # 450x330' medium
high density polyethylene 80mil
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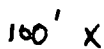
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2-0 GRAVEL EDGE.
SEE DETAIL SHEET C-5



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PROJ. 10221-00 S.BAY WAREHSE			
G 10 OCT 1988	2.00	PRINCIPAL ENGAGEO REPORT PREPARATION	180.00
G 11 OCT 1988	2.00	PRINCIPAL ENGAGEO REPORT PREPARATION	180.00
G 10 OCT 1988	1.00	WORD PROCESSING	30.00
G 11 OCT 1988	1.00	COURIER SERVICE	50.00

Current Charges	440.00
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Previous Balance	2051.50
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Balance due	2491.50
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THANK YOU

301 000194

DUPLICATE



STONEY-MILLER CONSULTANTS, INC.
GEOTECHNICAL ENGINEERING & ENGINEERING GEOLOGY

COCA-COLA ENTERPRISES WEST
1334 SOUTH CENTRAL AVENUE
LOS ANGELES, CALIFORNIA 90021

Invoice # 921
16 OCT 1988

DATE	QTY	SERVICE	P.O. 104270	CHARGES
PROJ. 10221-00 S.BAY WAREHOUSE				
SET 28 SEP 1988	2.00	PROJECT ENG/GEO PREPARE P.A. & BUDGET REVIEW & EQUIPMENT		130.00
SET 29 SEP 1988	1.00	PROJECT ENG/GEO PREPARE P.A. & BUDGET REVIEW & EQUIPMENT		65.00
G 30 SEP 1988	8.00	PROJECT ENG/GEO GEOTECHNICAL INVESTIGATION		320.00
G 30 SEP 1988	1.00	PROJECT ENG/GEO OVERTIME/GEOTECHNICAL INVESTIGATION		97.50
<u>1st Time Processing</u>				
G 30 SEP 1988	0.50	FIELD SAMPLING EQUIPMENT		1224.00
G 7 OCT 1988	0.50	WORD PROCESSING		15.00

Current Charges 2091.50

Balance due 2091.50

THANK YOU

DUPLICATE

301 000195



STONEY-MILLER CONSULTANTS, INC.
GEOTECHNICAL ENGINEERING & ENGINEERING GEOLOGY

STONEY-MILLER CONSULTANTS, INC.
14 HUGHES STREET, SUITE B-101
IRVINE, CALIFORNIA 92714

COCA-COLA ENTERPRISES WEST
1334 SOUTH CENTRAL AVENUE
LOS ANGELES, CALIFORNIA 90021

Invoice # 1038
18 NOV 1988

DATE	QTY	SERVICE	CHARGES
PROJ. 10221-00 PO 104270 SB WHS			
G 27 OCT 1988	2.00	expansion index	150.00 - cc
G 27 OCT 1988	1.00	atterberg limits	80.00 - cc
G 28 OCT 1988	1.00	atterberg limits	80.00 - cc
T 31 OCT 1988	3.00	SENIOR ENGINEER/GEOLOGIST SITE VISIT/OBSERVATION AND TESTING 9/30/88	225.00 - cc
Pavement for T 31 OCT 1988	2.00	Senior Eng/Geologist PROJECT REVIEW AND LAB COORD 10/5/88	150.00 - cc
T 6 OCT 1988	4.00	Senior Eng/Geologist TORRANCE RESEARCH, CLIENT DISCUSSION AND SITE VISIT 10/06/88	300.00 - cc
T 31 OCT 1988	4.00	Senior Eng/Geologist TORRANCE LETTER PREP & CLIENT DISCUSSION 10/7/88	300.00 - cc
T 31 OCT 1988	1.00	Senior Eng/Geologist TORRANCE-LABORATORY PREP 10/07/88	75.00 - cc
T 31 OCT 1988	6.00	Senior Eng/Geologist DRILLING AND SAMPLING 10/11/88	600.00 - cc
T 31 OCT 1988	8.00	Field Technician I DRILLING AND SAMPLING 10/11/88	320.00 - cc
T 31 OCT 1988	1.00	FIELD SAMPLING EQUIPMENT CONCRETE CORING MACHINE 10/11, 11/2, 11/9	640.00 - cc
T 31 OCT 1988	2.00	FIELD SAMPLING EQUIPMENT GASTECH/9/30 & 10/11	120.00 - cc
T 31 OCT 1988	2.00	Senior Eng/Geologist AGENCY DISCUSSION/DRILLING AND SCHEDULING	150.00 - cc
T 1 NOV 1988	1.00	Senior Eng/Geologist	75.00 - cc

DUPLICATE

T 2 NOV 1988	3.00	AGENCY DISCUSSION Senior Eng/Geologist DRILLING AT SITE	225.00 - 00
T 3 NOV 1988	1.00	Senior Eng/Geologist DATA EVALUATION	75.00 - 00
T 2 NOV 1988	7.00	Field Technician I OBSERVATION AND TESTING	280.00 - 00
T 1 NOV 1988	1.00	Project Eng/Geologist DRILLING PREPARATION	65.00 - 00
T 2 NOV 1988	10.00	Project Eng/Geologist DRILLING AT SITE	650.00 - 00
T 9 NOV 1988	4.00	Project Eng/Geologist DRILLING AT SITE	260.00 - 00
T 2 NOV 1988	10.00	Field Technician I DRILLING AT SITE	400.00 - 00
T 2 NOV 1988	10.00	Field Technician I DRILLING/OBSERVATION AND TESTING	400.00 - 00
T 9 NOV 1988	6.00	Field Technician I DRILLING AT SITE	240.00 - 00
T 9 NOV 1988	6.00	Field Technician I OBSERVATION AND TESTING DRILLING	240.00 - 00
T 2 NOV 1988	1.00	RINGS	272.60 - 00
T 9 NOV 1988	1.00	GENERATOR	60.00 - 00
T 9 NOV 1988	3.00	HAND AUGER 3 DAYS WITH HAND AUGER 10/11, 11/02 & 11/09	360.00 - 00
T 31 OCT 1988	1.00	LABORATORY TESTING ONE EPA 418.1 ONE EPA 8080 ONE EPA 8270 10/18/88	750.00
T 31 OCT 1988	1.00	LABORATORY TESTING 9 EPA 418.1 9 EPA 8270 10/25/88	4914.00

Current Charges

12486.80

Previous Balance

2491.50

Balance due

14948.30

THANK YOU

DUPLICATE

301 000197



STONEY-MILLER CONSULTANTS, INC.
GEOTECHNICAL ENGINEERING & ENGINEERING GEOLOGY

COCA-COLA ENTERPRISES WEST
1334 SOUTH CENTRAL AVENUE
LOS ANGELES, CALIFORNIA 90021

Invoice # 1108
5 DEC 1988

DATE	QTY	SERVICE	CHARGES
PROJ. 10221-00 PO 10470 SB WSS			
7 16 NOV 1988	1.00	SENIOR ENG/GEOL REPORT REVIEW	110.00 - cc
7 17 NOV 1988	2.00	STAFF ENG/GEOLOGIST GEOTECHNICAL MAP PREPARATION/ CALCS	110.00 - cc
7 17 NOV 1988	2.00	FIELD VEHICLE	8.00 - cc

Current Charges 230.00

Previous Balance 1446.30

Balance due 1676.30

THANK YOU

DUPLICATE

301 000198



STONEY-MILLER CONSULTANTS, INC.
GEOTECHNICAL ENGINEERING & ENGINEERING GEOLOGY

COCA-COLA ENTERPRISES WEST
1334 SOUTH CENTRAL AVENUE
LOS ANGELES, CALIFORNIA 90021

Invoice # 1254
11 JAN 1989

DATE	QTY	SERVICE	CHARGES
PROJ. 10221-00 PO 104270 SB WHS			
G 16 DEC 1988	1.00	Field Technician III PROCESSING FOR LAB WORK	48.00 - cc
G 16 DEC 1988	8.00	moisture density (ring)	112.00 - cc
G 21 DEC 1988	0.50	PROJECT ENG/GEO REVIEW LAB WORK	32.50 - cc
G 21 DEC 1988	1.00	expansion index	75.00 - cc
G 21 DEC 1988	1.00	atterberg limits	80.00 - cc
G 30 DEC 1988	1.00	Project Eng/Geologist LAB COORDINATION AND CLIENT DISCUSSION	65.00 - cc
T 30 DEC 1988	2.00	Project Eng/Geologist LAB COORDINATION AND CLIENT DISCUSSION 10/19/88	120.00
T 30 DEC 1988	2.00	Project Eng/Geologist CLIENT DISCUSSION AND DATA EVALUATION/RESEARCH	130.00 - cc
T 30 DEC 1988	5.00	Project Eng/Geologist CLIENT DISCUSSION AND DATA EVALUATION/RESEARCH 10/21/88	325.00 - cc
T 30 DEC 1988	0.50	Staff Eng/Geologist LABORATORY COORDINATION OF ANALYSIS RESULTS 12/21/88	27.50 - cc
T 30 DEC 1988	5.00	Staff Eng/Geologist TELEPHONE CONVERSATIONS AND AGENCY DISCUSSIONS TO OBTAIN PERTINENT SUPERFUND REPORTS 10/24-25/88	275.00 - cc
T 30 DEC 1988	2.00	Project Eng/Geologist CLIENT DISCUSSION AND RESEARCH 10/25/88	130.00 - cc
T 30 DEC 1988	5.00	Project Eng/Geologist RECORDS RESEARCH, CLIENT DISCUSSION AND SUMMARY PREPARATION 10/26/88	390.00 - cc

DUPLICATE

301 000199

7	30 DEC 1988	4.00 Project Eng/Geologist CLIENT AND AGENCY DISCUSSIONS 10/31/88	260.00	1.00
7	30 DEC 1988	4.00 Project Eng/Geologist DRILLING AND SAMPLING 11/2/88	260.00	"
7	30 DEC 1988	5.00 Project Eng/Geologist DRILLING AND SAMPLING 11/9/88	325.00	"
7	30 DEC 1988	1.00 CONCRETE CORING MACHINE 11/9/88	180.00	"
7	30 DEC 1988	1.00 GENERATOR 11/9/88	60.00	"
7	30 DEC 1988	1.00 HAND AUGER 11/9/88	120.00	"
7	30 DEC 1988	7.00 Project Eng/Geologist AT SITE AREA AND MEETING AT COKE 11/10/88	455.00	"
7	30 DEC 1988	2.00 Project Eng/Geologist CLIENT DISCUSSION AND REPORT 11/14/88	130.00	"
7	30 DEC 1988	2.00 Project Eng/Geologist REPORT PREPARATION 11/15/88	130.00	"
7	30 DEC 1988	8.00 Project Eng/Geologist REPORT PREPARATION	520.00	"
7	30 DEC 1988	2.00 Project Eng/Geologist CLIENT DISCUSSION AND REPORT FINAL 11/18/88	130.00	"
7	30 DEC 1988	4.00 Project Eng/Geologist REPORT PREPARATION AND DELIVERY	260.00	"
7	30 DEC 1988	8.00 Project Eng/Geologist REPORT PREPARATION 11/17/88	520.00	"
7	30 DEC 1988	1.00 Staff Eng/Geologist DATA REVIEW 11/14/88	55.00	"
7	30 DEC 1988	3.00 Staff Eng/Geologist DATA REVIEW AND MAP PREPARATION 11/17/88	165.00	"
7	30 DEC 1988	5.00 Staff Eng/Geologist REVIEW OF DOHS REPORTS 11/18/88	330.00	"
7	30 DEC 1988	0.50 Project Eng/Geologist CLIENT DISCUSSION 11/30/88	32.50	"
7	30 DEC 1988	9.50 FIELD TECHNICIAN I HAND DRILLING AND SAMPLING 11/30/88	228.00	"
6	29 DEC 1988	1.00 maximum density (standard)	100.00	"
6	29 DEC 1988	1.00 sieve analysis #4 or-4	65.00	"

DUPLICATE

301 000200

29 DEC 1988

1.00 #200 wash sieve

30.00

Current Charges

Balance due

6175.50

THANK YOU

6175.50

DUPLICATE



STONEY-MILLER CONSULTANTS, INC.
GEOTECHNICAL ENGINEERING & ENGINEERING GEOLOGY

COCA-COLA ENTERPRISES WEST
1834 SOUTH CENTRAL AVENUE
LOS ANGELES, CALIFORNIA 90021

Invoice # 1514
9 MAR 1989

DATE QTY SERVICE

CHARGES

PROJ. 10221-00 PO 104270 SB WRS

30 JAN 1989 1.00 DIRECT SHEAR

144.00

30 JAN 1989 1.00 MOISTURE DENSITY

20.00

16 FEB 1989 30.00 FAX

36.00 - 1/2

3 MAR 1989 31.00 FAX/NEIL ALLEN/ANCON ENVIRONMT

37.20 - 1/2

Current Charges

237.20

Balance due

237.20

THANK YOU

DUPLICATE



STONEY-MILLER CONSULTANTS, INC.
GEOTECHNICAL ENGINEERING & ENGINEERING GEOLOGY

COCA-COLA ENTERPRISES WEST
1334 SOUTH CENTRAL AVENUE
LOS ANGELES, CALIFORNIA 90021

Invoice # 1574
2 APR 1989

DATE	QTY	SERVICE	CHARGES
PROJ. 10221-00 PO 104270 SB WHS			
7 1 MAR 1989	1.00	Project Eng/Geologist DISCUSSION WITH AGENCY, CLIENT AND CONTRACTOR	65.00
7 2 MAR 1989	3.00	Project Eng/Geologist DISCUSSION WITH AGENCY, CLIENT AND CONTRACTOR	195.00
7 3 MAR 1989	2.00	Project Eng/Geologist DISCUSSION WITH AGENCY, CLIENT AND CONTRACTOR	130.00
7 15 MAR 1989	1.00	Project Eng/Geologist CLIENT DISCUSSION AND POTENTIAL CONTRACT EVALUATION	65.00
7 17 MAR 1989	0.50	Project Eng/Geologist CLIENT DISCUSSION AND POTENTIAL CONTRACT EVALUATION	32.50
7 22 MAR 1989	4.00	Project Eng/Geologist PRE-CONSTRUCTION MEETING	260.00

Current Charges 747.50

Previous Balance 147.20

Balance due 894.70

THANK YOU

DUPLICATE



STONEY-MILLER CONSULTANTS, INC.
GEOTECHNICAL ENGINEERING & ENGINEERING GEOLOGY

COCA-COLA ENTERPRISES WEST
1334 SOUTH CENTRAL AVENUE
LOS ANGELES, CALIFORNIA 90021

Invoice # 1639
19 APR 1989

DATE	QTY	SERVICE	CHARGES
PROJ. 10221-00 PO 104270 SB WRS			
7 31 MAR 1989	1.00	1PH. SULFIDE, CYANIDE, FLASHPOINT, TOX	254.00
7 31 MAR 1989	1.00	1EPA 8015	132.00
7 31 MAR 1989	1.00	1 TILC 17 CAM METALS	360.00
7 31 MAR 1989	1.00	1EPA 8080 PCB'S	180.00
7 6 APR 1989	1.00	1 EPA 8010/RUSH	230.40

PRE-QUALIFICATION OF SOIL

Current Charges	1156.40
Previous Balance	984.70
Balance due	2141.10

THANK YOU

DUPLICATE



STONEY-MILLER CONSULTANTS, INC
GEOTECHNICAL ENGINEERING & ENGINEERING GEOLOGY

COCA-COLA ENTERPRISES WEST
1334 SOUTH CENTRAL AVENUE
LOS ANGELES, CALIFORNIA 90021

Invoice # 1726
2 MAY 1989

DATE	QTY	SERVICE	CHARGES
PROJ.10221-00 PO 104270 SR WHS			
C 12 APR 1989	6.00	SENIOR ENG/GEO REPORT PREPARATION	450.00
G 13 APR 1989	1.50	WORD PROCESSING	45.00
G 12 APR 1989	1.00	REPRODUCTIONS	1.90
T G 24 MAR 1989	3.00	ENVIRONMENTAL CHEMIST SAMPLING FOR PRE-REMOVAL TESTING	165.00
T 3 APR 1989	1.50	SENIOR ENG/GEO LAB COORDINATION, CLIENT AND CONTRACTOR DISCUSSIONS	112.50
T 4 APR 1989	1.00	SENIOR ENG/GEO LAB COORDINATION, CLIENT AND CONTRACTOR DISCUSSIONS	75.00
T 5 APR 1989	1.00	SENIOR ENG/GEO LAB COORDINATION, CLIENT AND CONTRACTOR DISCUSSIONS	75.00
T 27 MAR 1989	4.00	SENIOR ENG/GEO MEETING WITH LOS ANGELES FIRE DEPARTMENT TO OBTAIN PERMIT	300.00
T 27 MAR 1989	0.50	SENIOR ENG/GEO LAB COORDINATION, CLIENT AND CONTRACTOR DISCUSSIONS	37.50
T 31 MAR 1989	1.00	SENIOR ENG/GEO LAB COORDINATION, CLIENT AND CONTRACTOR DISCUSSIONS	75.00
T 31 MAR 1989	2.00	SENIOR ENG/GEO LAB COORDINATION, DISCUSSIONS WITH CLIENT AND CONTRACTOR	150.00
T 31 MAR 1989	2.00	ENVIRONMENTAL CHEMIST LAB CALLS, INFORMATION TRANSFER AND CONTRACTOR DISCUSSIONS	110.00
T 1 APR 1989	2.50	Senior Eng/Geologist	187.50

DUPLICATE

begin Actual Cleanup

		LAB COORDINATION, CLIENT DISCUSSION AND DISCUSSION WITH CONTRACTOR	
T	10 APR 1989	7.50 Field Technician II MONITOR SOIL REMOVAL AND TECHNICAL DIRECTION	330.00
T	10 APR 1989	7.50 Field Vehicle	30.00
T	11 APR 1989	8.00 Field Technician II MONITOR SOIL REMOVAL AND TECHNICAL DIRECTION	352.00
T	11 APR 1989	8.00 Field Vehicle	32.00
T	12 APR 1989	8.00 Field Technician II MONITOR SOIL REMOVAL AND TECHNICAL DIRECTION	352.00
T	12 APR 1989	8.00 Field Vehicle	32.00
T	13 APR 1989	8.00 Field Technician II MONITOR SOIL REMOVAL AND TECHNICAL DIRECTION	352.00
T	13 APR 1989	8.00 Field Vehicle	32.00
T	14 APR 1989	7.00 Field Technician II MONITOR SOIL REMOVAL AND TECHNICAL DIRECTION	308.00
T	14 APR 1989	7.00 Field Vehicle	28.00
T	10 APR 1989	4.00 ENVIRONMENTAL CHEMIST MONITOR SOIL REMOVAL AND TECHNICAL DIRECTION	220.00
T	10 APR 1989	5.50 Senior Eng/Geologist TECHNICAL DIRECTION, LABORATORY COORDINATION AND CLIENT DISCUSSIONS	412.50
T	11 APR 1989	5.50 Senior Eng/Geologist TECHNICAL DIRECTION, LABORATORY COORDINATION AND CLIENT DISCUSSIONS	412.50
T	12 APR 1989	4.00 Senior Eng/Geologist TECHNICAL DIRECTION, LABORATORY COORDINATION AND CLIENT DISCUSSIONS	300.00
T	13 APR 1989	5.00 Senior Eng/Geologist TECHNICAL DIRECTION, LABORATORY COORDINATION AND CLIENT DISCUSSIONS	375.00
T	14 APR 1989	13.00 Senior Eng/Geologist	975.00

DUPLICATE
301 000206



STONEY-MILLER CONSULTANTS, INC.
GEOTECHNICAL ENGINEERING & ENGINEERING GEOLOGY

COCA-COLA ENTERPRISES WEST
1334 SOUTH CENTRAL AVENUE
LOS ANGELES, CALIFORNIA 90021

Invoice # 1070
14 JUN 1989

DATE	QTY	SERVICE	CHARGES
PROJ.10221-00 PO 104270 SB WHS			
C 26 MAY 1989	1.00	SECRETARIAL SERVICES ONE EXTRA REPORT COPY #9-0624	25.00
G 26 MAY 1989	1.00	REPRODUCTIONS/EXTRA REPORT	23.90
G 26 MAY 1989	1.00	FEDERAL EXPRESS/EXTRA REPORT	24.00
G 17 MAY 1989	1.00	FEDERAL EXPRESS/ATTEN C.CANDIZ	24.00
G 26 MAY 1989	1.00	FEDERAL EXPRESS/RAUL RAMIREZ	20.70
T 22 MAY 1989	1.50	Senior Eng/Geologist TECHNICAL DIRECTION AND CLIENT AND CONTRACTOR DISCUSSIONS	112.50
T 22 MAY 1989	7.50	Field Technician II DIRECTION OF CLEAN-UP AND SOIL REMOVAL	330.00
T 22 MAY 1989	7.50	Field Vehicle	30.00
T 23 MAY 1989	4.00	Field Technician II DIRECTION OF CLEAN-UP AND SOIL REMOVAL	175.00
T 23 MAY 1989	4.00	Field Vehicle	16.00
T 24 MAY 1989	5.50	Senior Eng/Geologist SITE EXCAVATION AND MEETING WITH CLIENT TO EVALUATE BUILDING	412.50
T 24 MAY 1989	7.50	Field Technician II DIRECTION OF CLEAN-UP AND SOIL REMOVAL	330.00
T 24 MAY 1989	7.50	Field Vehicle	30.00
T 25 MAY 1989	5.00	Senior Eng/Geologist TECHNICAL DIRECTION AND CLIENT AND CONTRACTOR DISCUSSIONS	37.50
T 25 MAY 1989	8.50	Field Technician II DIRECTION OF CLEAN-UP AND SOIL REMOVAL	374.00

DUPLICATE

7 25 MAY 1989	8.50 Field Vehicle	34.00
7 26 MAY 1989	5.50 Field Technician II	242.00
	DIRECTION OF CLEAN-UP AND	
	SOIL REMOVAL	
7 26 MAY 1989	5.50 Field Vehicle	22.00

Current Charges	2264.10
Previous Balance	14804.10
Balance due	17068.20

THANK YOU

DUPLICATE

301 000208



STONEY-MILLER CONSULTANTS, INC.
GEOTECHNICAL ENGINEERING & ENGINEERING GEOLOGY

COCA-COLA ENTERPRISES WEST
1334 SOUTH CENTRAL AVENUE
LOS ANGELES, CALIFORNIA 90021

Invoice # 1987
27 JUN 1989

DATE QTY SERVICE CHARGES

PROJ. 10221-00 PO 104270 SB WHE

30 MAY 1989 1.50 Senior Eng/Geologist 112.50

TECHNICAL DIRECTION OF SOIL
REMOVAL AND DRILLING

30 MAY 1989 9.00 ENVIRONMENTAL CHEMIST 495.00

VISUAL INSPECTION OF BORING
AROUND EXCAVATION

30 MAY 1989 8.50 LABOR 170.00

DRILLING AND SAMPLING AROUND
EXCAVATION

T 31 MAY 1989 1.00 Senior Eng/Geologist 75.00

TECHNICAL DIRECTION OF
REMOVAL OF SOIL AND DRILLING
DIRECTION AROUND EXCAVATION

T 1 JUN 1989 8.50 Senior Eng/Geologist 412.50

CLIENT DISCUSSION AND
MEETING AT COCA-COLA L.A.
OFFICE

T 5 JUN 1989 2.00 Senior Eng/Geologist 150.00

TECHNICAL DIRECTION OF SOIL
REMOVAL AND SUBSURFACE
INVESTIGATION

T 5 JUN 1989 9.50 ENVIRONMENTAL CHEMIST 522.50

EXPLORITORY DRILLING AROUND
PROPOSED OUTFALL LINE

T 6 JUN 1989 2.00 Senior Eng/Geologist 150.00

TECHNICAL DIRECTION OF SOIL
REMOVAL AND SUBSURFACE
INVESTIGATION

T 7 JUN 1989 4.00 Senior Eng/Geologist 300.00

TECHNICAL DIRECTION AND TRIP
TO SITE TO EVALUATE NEWLY
FOUND CONTAMINATION AND
EVALUATE BORING RESULTS

T 8 JUN 1989 1.50 Senior Eng/Geologist 112.50

DUPLICATE

		TECHNICAL DIRECTION OF SOIL REMOVAL AND SUBSURFACE INVESTIGATION	
T 10 JUN 1989	5.00	Senior Eng/Geologist	375.00
		SITE VISIT AND TECHNICAL DIRECTION REGARDING NEW FOUND CONTAMINATION	
T 7 JUN 1989	2.00	ENVIRONMENTAL CHEMIST	110.00
		SET-UP EXPLORATORY DRILLING	
T 8 JUN 1989	3.50	ENVIRONMENTAL CHEMIST	192.50
		TECHNICAL DIRECTION OF EXPLORATORY BORINGS	
T 10 JUN 1989	8.00	ENVIRONMENTAL CHEMIST	440.00
		EXPLORATORY BORINGS AROUND NEWLY DISCOVERED SUBSURFACE CONTAMINATION	
T 5 JUN 1989	7.50	Field Technician II	330.00
		MONITOR CONTAMINATED SOIL REMOVAL	
T 5 JUN 1989	7.50	Field Vehicle	30.00
T 6 JUN 1989	8.00	Field Technician II	352.00
		MONITOR CONTAMINATED SOIL REMOVAL	
T 6 JUN 1989	8.00	Field Vehicle	32.00
T 7 JUN 1989	9.00	Field Technician II	396.00
		MONITOR CONTAMINATED SOIL REMOVAL	
T 7 JUN 1989	9.00	Field Vehicle	36.00
T 8 JUN 1989	2.50	Field Technician II	110.00
		INVESTIGATION OF EXTENT OF SOIL CONTAMINATION	
T 8 JUN 1989	2.50	Field Vehicle	10.00
T 8 JUN 1989	5.00	Field Technician II	220.00
		MONITOR CONTAMINATED SOIL REMOVAL	
T 8 JUN 1989	5.00	Field Vehicle	20.00
T 9 JUN 1989	8.00	Field Technician II	352.00
		MONITOR CONTAMINATED SOIL REMOVAL	
T 9 JUN 1989	6.00	Field Vehicle	32.00
T 7 JUN 1989	6.50	Staff Eng/Geologist	467.50
		DRILLING AND SAMPLING THROUGHOUT THE SITE AND	

DUPLICATE

301 000210

		AROUND NEWLY DISCOVERED CONTAMINATION	
T 8 JUN 1989	8.50	Staff Eng/Geologist DRILLING AND SAMPLING THROUGHOUT THE SITE AND AROUND NEWLY DISCOVERED CONTAMINATION	467.50
T 9 JUN 1989	8.50	Staff Eng/Geologist DRILLING AND SAMPLING THROUGHOUT THE SITE AND AROUND NEWLY DISCOVERED CONTAMINATION	467.50
T 5 JUN 1989	11.50	LABOR	230.00
T 7 JUN 1989	18.00	LABOR	360.00
T 8 JUN 1989	18.00	LABOR	360.00
T 9 JUN 1989	18.00	LABOR	360.00
T 10 JUN 1989	14.00	LABOR	280.00
T 10 JUN 1989	8.00	GAS TECH RENTAL 3 DAYS/6/7, 6/8, & 6/10	180.00
T 16 JUN 1989	1.00	EPA 418.1 FOR TPH	69.40
T 16 JUN 1989	1.00	EPA 8240	200.00

Current Charges	9078.40
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Previous Balance	10831.00
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Balance due	25909.40
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THANK YOU

DUPLICATE

301 000211



STONEY-MILLER CONSULTANTS, INC.
GEOTECHNICAL ENGINEERING & ENGINEERING GEOLOGY

COCA-COLA ENTERPRISES WEST
1334 SOUTH CENTRAL AVENUE
LOS ANGELES, CALIFORNIA 90021

Invoice # 2001
12 JUL 1989

DATE	QTY	SERVICE	CHARGES
PROJ. 10221-00 PO 104370 SE WHS			
G 26 JUN 1989	0.50	SECRETARIAL SERVICES 1 EXTRA REPORT #9-0624 CLEGG ENGINEERING	12.50
G 26 JUN 1989	1.00	REPRODUCTION/EXTRA REPORTS	6.30
T 26 JUN 1989	1.00	PRINCIPAL ENG/GEO PROJECT REVIEW	90.00
T 13 JUN 1989	1.00	GASTECH ONE DAY RENTAL	60.00
T 14 JUN 1989	1.00	GASTECH ONE DAY RENTAL	60.00
T 12 JUN 1989	5.00	Senior Eng/Geologist MEETING WITH CLIENT AT SITE AND REVIEW OF WEEKEND DRILLING	375.00
T 12 JUN 1989	0.50	Senior Eng/Geologist DRILLING TECHNICAL DIRECTION AND DATA EVALUATION	37.50
T 13 JUN 1989	2.00	Senior Eng/Geologist DRILLING TECHNICAL DIRECTION AND DATA EVALUATION	150.00
T 14 JUN 1989	1.50	Senior Eng/Geologist DRILLING TECHNICAL DIRECTION AND DATA EVALUATION	112.50
T 15 JUN 1989	2.00	Senior Eng/Geologist DRILLING TECHNICAL DIRECTION AND DATA EVALUATION	150.00
T 16 JUN 1989	1.00	Senior Eng/Geologist DRILLING TECHNICAL DIRECTION AND DATA EVALUATION	75.00
T 12 JUN 1989	3.00	ENVIRONMENTAL CHEMIST DATA MAPPING	165.00
T 13 JUN 1989	1.00	ENVIRONMENTAL CHEMIST DATA MAPPING	55.00
T 12 JUN 1989	8.50	Staff Eng/Geologist DRILLING TEST HOLES	467.50

DUPLICATE

7 13 JUN 1989	9.00	Staff Eng/Geologist DRILLING TEST HOLES	495.00
7 14 JUN 1989	8.50	Staff Eng/Geologist DRILLING TEST HOLES	467.50
7 15 JUN 1989	8.00	Staff Eng/Geologist PLOTTING HOLE SITE/ CONSTRUCTING CROSS SECTIONS AND ORGANIZING FIELD NOTES	440.00
7 16 JUN 1989	2.50	Staff Eng/Geologist PLOTTING HOLE SITE, CONSTRUCTING CROSS SECTIONS AND ORGANIZING FIELD NOTES	137.50
7 12 JUN 1989	15.00	LABOR/2 PERSONS DRILLING	300.00
7 13 JUN 1989	16.00	LABOR/2 PERSONS DRILLING	320.00
7 14 JUN 1989	15.00	LABOR/2 PERSONS DRILLING	300.00
7 19 JUN 1989	4.00	Senior Eng/Geologist DATA EVALUATION AND MEETING WITH CLIENT AND MANAGEMENT REPRESENTATIVES AT SITE	300.00
7 22 JUN 1989	1.50	Senior Eng/Geologist DATA EVALUATION	112.50
7 23 JUN 1989	1.00	Senior Eng/Geologist AGENCY DISCUSSION TO BEGIN TO FINALIZE CLEANUP, DOCUMENTATION AND CLIENT DISCUSSION	75.00
7 21 JUN 1989	13.00	LABOR/2 PERSONS DRILLING	260.00
7 19 JUN 1989	5.00	Field Technician II BORING AND SAMPLING	250.00
7 19 JUN 1989	5.00	Field Vehicle	20.00
7 21 JUN 1989	8.00	Field Technician II BORING AND SAMPLING	352.00
7 21 JUN 1989	8.00	Field Vehicle	32.00
7 22 JUN 1989	5.00	Staff Eng/Geologist DATA REDUCTION AND MAP COMPIATION	275.00
7 23 JUN 1989	5.50	Staff Eng/Geologist DATA REDUCTION AND MAP COMPIATION	302.50

DUPLICATE

301 000213

7-27 JUN 1989	4.00 EDA 8270 + 50% RUSH	3240.00
7-27 JUN 1989	4.00 TFR(418.1) + 50% RUSH	412.80

Current Charges	9878.10
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Previous Balance	25909.40
------------------	----------

Balance due	35787.50
-------------	----------

THANK YOU

DUPLICATE

301 000214

		TECHNICAL DIRECTION, LABORATORY COORDINATION AND CLIENT DISCUSSIONS	
T 19 APR 1989	0.50	ENVIRONMENTAL CHEMIST RECORDS RESEARCH	27.50
T 17 APR 1989	4.50	Senior Eng/Geologist TECHNICAL DIRECTION, CLIENT AND CONTRACTORS DISCUSSIONS	337.50
T 20 APR 1989	0.50	Senior Eng/Geologist CONDITION EVALUATION AND CLIENT DISCUSSIONS	37.50
T 21 APR 1989	0.50	Senior Eng/Geologist CONDITIONS EVALUATION AND CLIENT DISCUSSIONS	37.50
T 18 APR 1989	6.00	Field Technician II MONITOR SOIL REMOVAL AND TECHNICAL DIRECTION	264.00
T 18 APR 1989	6.00	Field Vehicle	24.00
E 28 APR 1989	1.00	AERIAL PHOTOGRAPHY	82.70
E 28 APR 1989	1.00	AERIAL PHOTOGRAPHY	60.00

Current Charges	7198.10
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Previous Balance	3141.10
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Balance due	9339.20
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THANK YOU

DUPLICATE

301 000215



STONEY-MILLER CONSULTANTS, INC.
GEOTECHNICAL ENGINEERING & ENGINEERING GEOLOGY

COCA-COLA ENTERPRISES WEST
1334 SOUTH CENTRAL AVENUE
LOS ANGELES, CALIFORNIA 90021

Invoice # 1761
18 MAY 1989

DATE	QTY	SERVICE	CHARGES
G - 26 APR 1989	9.50	PROJ. 10221-00 PO 104270 SB WHE PROJECT ENG/GEO REPORT PREPARATION/GEOLOGY AND SEISMICITY	617.50
G 25 APR 1989	5.20	SENIOR ENG/GEO REPORT PREPARATION	390.00
G 25 APR 1989	1.00	PRINCIPAL ENGINEER/GEOLOGIST REVIEW REPORT	90.00
G 26 APR 1989	3.50	WORD PROCESSING	105.00
G 26 APR 1989	0.75	SECRETARIAL SERVICES	18.75
G 26 APR 1989	1.00	REPRODUCTIONS	4.25
G 26 APR 1989	1.00	COURIER SERVICE ATTEN CARLOS CADIZ	61.20
G 26 APR 1989	1.00	COURIER SERVICE ATTENTION TOM PUNKISS	69.60
G 26 APR 1989	1.00	COURIER SERVICE ATTENTION RAUL RAMIREZ	54.00
T 17 APR 1989	1.00	EPA 8015 & 602 - E/1PA 7401 6 HOUR RUSH 200%	612.00

Current Charges 2022.30

Previous Balance 9339.20

Balance due 11361.50

THANK YOU

DUPLICATE



STONE-MILLER CONSULTANTS, INC.
GEOTECHNICAL ENGINEERING & ENGINEERING GEOLOGY

COCA-COLA ENTERPRISES WEST
1334 SOUTH CENTRAL AVENUE
LOS ANGELES, CALIFORNIA 90021

Invoice # 1814
2 JUN 1989

DATE	QTY	SERVICE	CHARGES
PROJ. 10221-00 PO 104270 SB WHS			
G 11 MAY 1989	2.00	PRINCIPAL ENG\GEO REPORT PREPARATION/ASPHALT DESIGN	180.00
T 3 APR 1989	2.00	Senior Eng/Geologist 3/23/89 SAMPLING AND LABORATORY COORDINATION	150.00
T 3 APR 1989	2.50	Senior Eng/Geologist 3/24/89 SAMPLING AND LABORATORY COORDINATION	187.50
T 3 APR 1989	1.00	TANK REGISTRATION 3/27/89 LOS ANGELES CITY CLERK TAX AND PERMIT DIVISION	165.00
T 14 APR 1989	2.50	ENVIRONMENTAL CHEMIST RESEARCH & PHOTO ACQUISITION	137.50
T 24 APR 1989	1.00	Senior Eng/Geologist CLIENT AND CONTRACTOR DISCUSSIONS AND COORDINATION OF SITE ACTIVITIES	75.00
T 25 APR 1989	1.00	Senior Eng/Geologist CLIENT AND CONTRACTOR DISCUSSIONS AND COORDINATION OF SITE ACTIVITIES	75.00
T 27 APR 1989	3.00	Senior Eng/Geologist AERIAL PHOTO EVALUATION AT WHITTIER COLLEGE	225.00
T 28 APR 1989	0.50	Senior Eng/Geologist CLIENT DISCUSSION	37.50
T 1 MAY 1989	4.50	Senior Eng/Geologist MEETING WITH CLIENT AND CONTRACTOR AT ANCON IN WILMINGTON/OFFICE CALCULATIONS/CLIENT DISCUSSIONS	337.50
T 10 MAY 1989	1.00	FAIRCHILD/AERIAL PHOTOS	390.00

between removal of houses

DUPLICATE

TWO CONTACT PRINTS AND TWO 4X
ENLARGEMENTS

T 13 MAY 1989 4.00 Senior Eng/Geologist 300.00
 TRIP TO SITE FOR TECHNICAL
 DISCUSSION
 15 MAY 1989 1.00 Senior Eng/Geologist 75.00
 TECHNICAL DIRECTION AND CLIENT
 DISCUSSION AND SITE INSPECTION
 15 MAY 1989 8.00 Field Technician II 352.00
 MONITOR SOIL REMOVAL
 15 MAY 1989 8.00 Field Vehicle 32.00
 19 MAY 1989 8.00 Field Technician II 352.00
 MONITOR SOIL REMOVAL
 19 MAY 1989 8.00 Field Vehicle 32.00
 19 MAY 1989 2.50 Senior Eng/Geologist 127.50
 TECHNICAL DIRECTION AND
 CLIENT DISCUSSIONS/SITE
 INSPECTION
 G 17 MAY 1989 1.00 PRINCIPAL ENGAGED 90.00
 REVIEW FOUNDATIONS
 G 16 MAY 1989 1.00 WORD PROCESSING 30.00
 2 LETTERS
 9-0673 & 9-0675
 G 16 MAY 1989 0.50 SECRETARIAL SERVICES 12.50
 1 EXTRA REPORT COPY
 #9-0624
 G 16 MAY 1989 40.00 40 PAGES REPRODUCED/EXTRA RPT 4.00
 FOR CADIZ AND CADIZ ARCHITECTS
 G 16 MAY 1989 1.00 FEDERAL EXPRESS/EXTRA REPORT 15.00

Current Charges 1442.00

Previous Balance 21351.50

Balance Due 22793.50

THANK YOU

DUPLICATE

301 000218

1050-00273

301-000001 - 301 000010
000219 000258



STONEY-MILLER CONSULTANTS, INC.
GEOTECHNICAL ENGINEERING & ENGINEERING GEOLOGY

November 16, 1988

Coca-Cola Enterprises
1334 South Central Avenue
Los Angeles, California

Project No: 10221-00
Report No: 8-0417

Attn: Mr. Raul Ramirez

Subject: Interim Report of findings of an ongoing Environmental Assessment of the South Bay Warehouse Facility, Pacific Gateway Drive, Torrance, California.

Gentlemen:

1.0 INTRODUCTION

As you are aware Stoney-Miller Consultants, Inc. (SMC) has recently been retained to evaluate the environmental aspects of the subject property. Most recently we have conducted a limited investigation to evaluate and determine the extent of relatively near surface hydrocarbon contamination near the northwest corner of the site. This Interim Report has been prepared to summarize the following information. Included in this interim report are a explanation and presentations of:

- o The sequence of events that caused SMC to discover the subsurface hydrocarbon contamination, i.e. background;
- o A generalized description of the methods utilized to investigate the limits of hydrocarbon contamination;
- o A generalized description of the laboratory analyses utilized during the investigation;
- o A summary of the findings of the investigation; and
- o A presentation of conclusions and recommendations to Coca Cola Enterprises.

301 60219

November 16, 1988
Page 2

To protect Coca-Cola's interest in the transaction of purchasing the subject site, we recommend that a full scale investigation be conducted and a report prepared which is suitable for submittal to government regulatory agencies. This investigation and report should be sufficient in scope to provide Coca-Cola with an adequate understanding of the financial ramifications of purchasing a site that is known to have subsurface contamination. This Interim Report should only be considered as a means of conveying the general findings of the investigation of the subsurface hydrocarbon contamination found, to Coca Cola, a party that is not currently the owner of the site but, is interested in understanding the environmental liability that could be inherited by the purchase of the site.

2.0 BACKGROUND, AND INVESTIGATIVE PROCEDURES

SMC was originally retained by Coca-Cola to conduct an investigation which was generally to consist of: an evaluation of the geotechnical (structural) aspects of the site; and an environmental assessment of site and vicinity. The geotechnical investigation was to include drilling and sampling, i.e. physically examining representative soils underlying the site. The environmental assessment was intended to include a nonphysical evaluation, i.e. records research of the environmental aspects of the site. This type of assessment has in recent years become a routine aspect of

November 16, 1988
Page 3

the purchase of commercial property. The exception to this separation of tasks was that a member of our environmental staff was to review the results of the geotechnical drilling and sampling program as part of the environmental assessment. Environmental problems other than the one discussed in this report found to be associated with the site vicinity, for example, there are numerous EPA Superfund Sites located within a few miles of the site. These problems are not presented in this Interim Report, see letter from SMC to Coca-Cola dated October 26, 1988.

During drilling and sampling activities, SMC's field geologist noted a suspicious odor associated with soil samples collected near the northwest corner of the site. This information was reported to our environmental staff and following authorization from Coca-Cola, laboratory analyses of a selected soil sample was conducted. The laboratory chemical staff began their evaluation of the sample by physical examination. The results of the physical examination were that the soil was likely contaminated with a relatively heavy hydrocarbon chemical mixture. The laboratory chemists recommended to SMC that to begin the analyses, an Environmental Protection Agency (EPA) standard analysis Method 418.1 should be performed on the sample.

Results of the 418.1 analyses indicated that 650 mg/kg of Total Petroleum Hydrocarbons were contained in the soil

November 16, 1988

Page 4

sample. Subsequently, the chemists recommended that an EPA method 8270 be conducted on the soil sample. Results of the 8270 analyses revealed that relatively low concentrations of semi-volatile hydrocarbons were contained in the sample. These results are included as Appendix A of this Interim Report.

Results of the laboratory analyses were reported verbally to Coca-Cola and additional drilling, soil sampling, and laboratory analyses were authorized. The purpose of this second phase of the investigation was to determine with a limited amount of drilling and sampling, if the hydrocarbons found are an isolated case or a more extensive problem. Results of the second phase of the investigation indicated the possibility that the hydrocarbon contamination could be relatively extensive. A decision was made by SMC and Coca-Cola to conduct laboratory analyses on selected soil samples and review the results prior to continuing with any additional drilling and soil sampling.

Results of drilling and sampling observations and correlation with laboratory results were that when physical observations such as color, texture, and odor indicated that the soil was contaminated, laboratory results verified these observations. Likewise, when physical observations indicated that soils were clean, laboratory analyses verified these observations. Based on this discovery, SMC was authorized by Coca-Cola to

301 00222

November 16, 1988

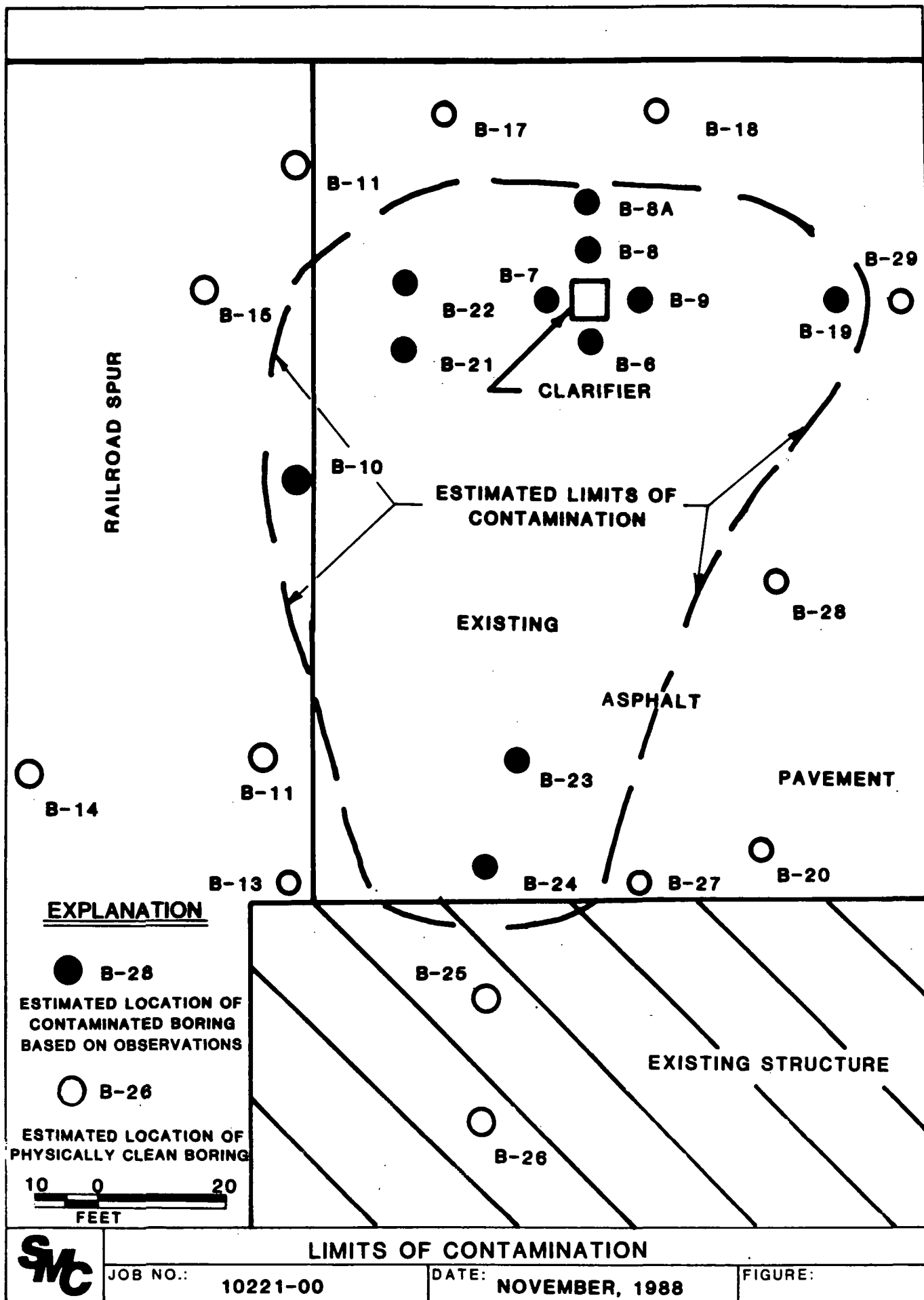
Page 5

conduct additional drilling and sampling and by physical observation, determine the extent of the hydrocarbon contamination. Thus, a phase three drilling and sampling program was conducted. Soil samples were to be collected and preserved in case laboratory analyses became necessary in the future. To date no laboratory analyses have been conducted on soil samples collected during the phase three drilling and sampling program. The samples are currently refrigerated at the SMC facility. SMC has recently been authorized by Coca-Cola to select five representative soil samples from the phase three drilling program for analyses to confirm the physical observations made. Laboratory analyses of these selected soil samples should be completed within ten days.

3.0 SUMMARY OF FINDINGS AND CONCLUSIONS

General findings of the phase 1, 2, and 3 investigation are as follows.

- o The vertical and horizontal limits of the hydrocarbon contamination have been established based on physical observations. The horizontal limits of the contamination are shown relative to surrounding structures on Figure 1, a sketch of the site. The maximum depth that contamination was found was approximately 10 feet and the average depth is between 3 and 5 feet.
- o Based on the horizontal and vertical limits of the contamination, the volume of contaminated soil appears to be between 750 and 1,000 cubic yards. This is only an estimate, conditions found during the future removal of this soil could change outside of the borings excavated, thus, this volume could vary.



4.0 RECOMMENDATIONS

- o Prior to the purchase of the subject site, Coca-Cola should be satisfied that the contaminated soil at the site has been thoroughly removed and properly documented or that a suitable arrangement is made between the current owner and Coca-Cola that recognizes that clean up costs are likely to be incurred as a result of the finding of this contaminated soil. A general industry "rule of thumb cost" for the removal and legal disposal of hydrocarbon contaminated soil is between \$250.00 and \$300.00 per cubic yard.
- o The finding of hydrocarbon contaminated soil at this site should be reported to pertinent government regulatory agencies by the owner. And a remediation plan should be proposed and implemented.

5.0 LIMITATIONS OF INVESTIGATION

This Interim Report was prepared using a degree of care and skill ordinarily exercised, under similar circumstances, by reputable Soil Engineers, Geologists, and Environmental Scientists practicing in this or similar localities. No other warranty, expressed or implied is made as to the conclusions and professional advice included in this Plan. This Report was prepared for the use of Coca-Cola Enterprises and is intended for use as a means of final documentation of the contaminated soil discussed herein.

If you have any questions regarding this matter, please call.

Very Truly Yours
Stoney-Miller Consultants, Inc.


Gary T. Carlin
Consulting Environmental Geologist

Attachments: Figure 1 - Site Sketch

301 00225

APPENDIX
LABROATORY RESULTS

301 - 00226

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT **Stoney-Miller Consultants**
14 Hughes, Suite B-101
Irvine, California 92718
Attention: Gary Carlin

DATE October 17, 1988

RECEIVED October 5, 1988

SAMPLE Soils B-3 - 1' from Coca Cola, Torrance

LABORATORY NO. 31002

INVESTIGATION

As Requested

RESULTS

<u>Parameter</u>	<u>Milligrams per Kilogram</u>
Total Petroleum Hydrocarbons (418.1)	858
Polychlorinated Biphenyls (8080):	
PCB - 1016	ND <0.1
PCB - 1221	ND <0.1
PCB - 1232	ND <0.1
PCB - 1242	ND <0.1
PCB - 1248	ND <0.1
PCB - 1254	ND <0.1
PCB - 1260	ND <0.1

Respectfully submitted,

TRUESDAIL LABORATORIES, INC.

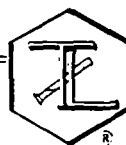
Julia Nayberg
Julia Nayberg, Manager
Inorganic Chemistry

301 00227

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT **Stoney-Miller Consultants**
14 Hughes, Suite B-101
Irvine, California 92718
Attention: Gary Carlin

SAMPLE Soils B-3 - 1' from Coca Cola, Torrance

DATE October 17, 1988
RECEIVED October 5, 1988
LABORATORY NO. 31002

INVESTIGATION As Requested

RESULTS

<u>Parameter</u>	<u>Milligrams per Kilogram</u>
Total Petroleum Hydrocarbons (418.1)	858
Polychlorinated Biphenyls (8080):	
PCB - 1016	ND <0.1
PCB - 1221	ND <0.1
PCB - 1232	ND <0.1
PCB - 1242	ND <0.1
PCB - 1248	ND <0.1
PCB - 1254	ND <0.1
PCB - 1260	ND <0.1

Respectfully submitted,

TRUESDAIL LABORATORIES, INC.

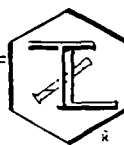
Julia Nayberg, Manager
Inorganic Chemistry

301 00228

This report applies only to the sample or samples investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT **Stoney-Miller Consultants, Inc.**

DATE October 17, 1988

RECEIVED October 5, 1988

SAMPLE

LABORATORY NO. 31002

Soil: B-3-1'

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Phenol	660 ug/kg	ND
bis(2-Chloroethyl) ether	660 ug/kg	ND
2-Chlorophenol	660 ug/kg	ND
1,3-Dichlorobenzene	660 ug/kg	ND
1,4-Dichlorobenzene	660 ug/kg	ND
Benzyl Alcohol	1300 ug/kg	ND
1,2-Dichlorobenzene	660 ug/kg	ND
2-Methylphenol	660 ug/kg	ND
bis(2-Chloroisopropyl) ether	660 ug/kg	ND
4-Methylphenol	660 ug/kg	ND
N-Nitroso-Di-N-propylamine	660 ug/kg	ND
Hexachloroethane	660 ug/kg	ND
Nitrobenzene	660 ug/kg	ND
Isophorone	660 ug/kg	ND
2-Nitrophenol	660 ug/kg	ND
2,4-Dimethylphenol	660 ug/kg	ND
Benzoic Acid	3300 ug/kg	ND
bis(2-Chloroethoxy)methane	660 ug/kg	ND
2,4-Dichlorophenol	660 ug/kg	ND
1,2,4-Trichlorobenzene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

301 00229

This report applies only to the sample or samples investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31002

CLIENT: Stoney-Miller

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
naphthalene	660 ug/kg	9,400
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	ND
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	ND
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	ND
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	7,700
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	ND
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

301 00230

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31002

CLIENT: Stoney-Miller

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

Constituent	Approximate		Concentration
	Detection	Limit* ***	
			(ug/kg)**
Chrysene	660	ug/kg	ND
Di-n-octyl phthalate	660	ug/kg	ND
Benzo(b)fluoranthene	660	ug/kg	ND
Benzo(k)fluoranthene	660	ug/kg	ND
Benzo(a)pyrene	660	ug/kg	ND
Indeno(1,2,3-cd)pyrene	660	ug/kg	ND
Dibenz(a,h)anthracene	660	ug/kg	ND
Benzo(g,h,i)perylene	660	ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

*** The detection limits were multiplied by 100X.

Respectfully submitted,

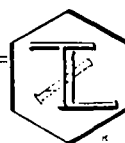
TRUESDAIL LABORATORIES, INC.

Julia Nayberg
Julia Nayberg, Manager
Inorganic Chemistry

301 00231

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUE LABS

CLIENT **Stoney-Miller Consultants, Inc.**
14 Hughes, Suite B101
Irvine, CA 92718
Attention: Gary Carlin

DATE October 25, 1988

RECEIVED October 17, 1988

SAMPLE Soils from Coca-Cola, Torrance

LABORATORY NO. 31100

INVESTIGATION

As requested

RESULTS

MILLIGRAMS PER KILOGRAM

<u>Sample Identification</u>	<u>Total Petroleum Hydrocarbons (418.1)</u>
B-7-5'	2
B-7-15'	<1
B-8-2 1/2'	8,686
B-8-15'	<1
B-9-5'	210
B-9-15'	<1
B-10-3'	1,880
B-10-10'	<1
B-11-8'	4

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

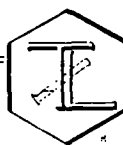
Julia Nayberg
Julia Nayberg, Manager
Inorganic Chemistry

301 00232

This report applies only to the sample or samples investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING
Stoney-Miller Consultants, Inc.

14 Hughes, Suite B101
Irvine, CA 92718
Attention: Gary Carlin

SAMPLE B-7-5'

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE TRUESLABS
October 25, 1988

DATE October 17, 1988
RECEIVED
LABORATORY NO. 31100-1

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Phenol	660 ug/kg	ND
bis(2-Chloroethyl) ether	660 ug/kg	ND
2-Chlorophenol	600 ug/kg	ND
1,3-Dichlorobenzene	660 ug/kg	ND
1,4-Dichlorobenzene	660 ug/kg	ND
Benzyl Alcohol	1300 ug/kg	ND
1,2-Dichlorobenzene	660 ug/kg	ND
2-Methylphenol	660 ug/kg	ND
bis(2-Chloroisopropyl) ether	660 ug/kg	ND
4-Methylphenol	660 ug/kg	ND
N-Nitroso-Di-N-propylamine	660 ug/kg	ND
Hexachloroethane	660 ug/kg	ND
Nitrobenzene	660 ug/kg	ND
Isophorone	660 ug/kg	ND
2-Nitrophenol	660 ug/kg	ND
2,4-Dimethylphenol	660 ug/kg	ND
Benzoic Acid	3300 ug/kg	ND
bis(2-Chloroethoxy)methane	660 ug/kg	ND
2,4-Dichlorophenol	660 ug/kg	ND
1,2,4-Trichlorobenzene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

301 00233

This report applies only to the sample or samples investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-1

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Naphthalene	660 ug/kg	ND
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	ND
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	ND
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	ND
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	ND
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	ND
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

301 00234

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-1


INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Chrysene	660 ug/kg	ND
Di-n-octyl phthalate	660 ug/kg	ND
Benzo(b)fluoranthene	660 ug/kg	ND
Benzo(k)fluoranthene	660 ug/kg	ND
Benzo(a)pyrene	660 ug/kg	ND
Indeno(1,2,3-cd)pyrene	660 ug/kg	ND
Dibenz(a,h)anthracene	660 ug/kg	ND
Benzo(g,h,i)perylene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

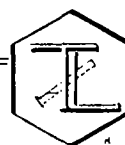


Julia Nayberg
Julia Nayberg, Manager
Inorganic Chemistry

301 00235

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT **Stoney-Miller Consultants, Inc.**
14 Hughes, Suite B101
Irvine, CA 92718
Attention: Gary Carlin

SAMPLE B-7-15'

DATE October 25, 1988
RECEIVED October 17, 1988
LABORATORY NO. 31100-2

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Phenol	660 ug/kg	ND
bis(2-Chloroethyl) ether	660 ug/kg	ND
2-Chlorophenol	600 ug/kg	ND
1,3-Dichlorobenzene	660 ug/kg	ND
1,4-Dichlorobenzene	660 ug/kg	ND
Benzyl Alcohol	1300 ug/kg	ND
1,2-Dichlorobenzene	660 ug/kg	ND
2-Methylphenol	660 ug/kg	ND
bis(2-Chloroisopropyl) ether	660 ug/kg	ND
4-Methylphenol	660 ug/kg	ND
N-Nitroso-Di-N-propylamine	660 ug/kg	ND
Hexachloroethane	660 ug/kg	ND
Nitrobenzene	660 ug/kg	ND
Isophorone	660 ug/kg	ND
2-Nitrophenol	660 ug/kg	ND
2,4-Dimethylphenol	660 ug/kg	ND
Benzoic Acid	3300 ug/kg	ND
bis(2-Chloroethoxy)methane	660 ug/kg	ND
2,4-Dichlorophenol	660 ug/kg	ND
1,2,4-Trichlorobenzene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

301 00236

This report applies only to the sample or samples investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-2

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Naphthalene	660 ug/kg	ND
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	ND
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	ND
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	ND
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	ND
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	ND
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

301 00237

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-2


INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Chrysene	660 ug/kg	ND
Di-n-octyl phthalate	660 ug/kg	ND
Benzo(b)fluoranthene	660 ug/kg	ND
Benzo(k)fluoranthene	660 ug/kg	ND
Benzo(a)pyrene	660 ug/kg	ND
Indeno(1,2,3-cd)pyrene	660 ug/kg	ND
Dibenz(a,h)anthracene	660 ug/kg	ND
Benzo(g,h,i)perylene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

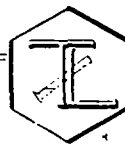


Julia Nayberg
Julia Nayberg, Manager
Inorganic Chemistry

301 00238

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS

RESEARCH - DEVELOPMENT - TESTING

Stoney-Miller Consultants, Inc.

14 Hughes, Suite B101

CLIENT Irvine, CA 92718

Attention: Gary Carlin

SAMPLE B-8-2¹/₂'

14201 FRANKLIN AVENUE

TUSTIN, CALIFORNIA 92680

AREA CODE 714 • 730-6239

AREA CODE 213 • 225-1564

CABLE: TRUELABS

October 25, 1988

DATE

October 17, 1988

RECEIVED

LABORATORY NO. 3110-3

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Phenol	660 ug/kg	ND
bis(2-Chloroethyl) ether	660 ug/kg	ND
2-Chlorophenol	600 ug/kg	ND
1,3-Dichlorobenzene	660 ug/kg	ND
1,4-Dichlorobenzene	660 ug/kg	ND
Benzyl Alcohol	1300 ug/kg	ND
1,2-Dichlorobenzene	660 ug/kg	ND
2-Methylphenol	660 ug/kg	ND
bis(2-Chloroisopropyl) ether	660 ug/kg	ND
4-Methylphenol	660 ug/kg	ND
N-Nitroso-Di-N-propylamine	660 ug/kg	ND
Hexachloroethane	660 ug/kg	ND
Nitrobenzene	660 ug/kg	ND
Isophorone	660 ug/kg	ND
2-Nitrophenol	660 ug/kg	ND
2,4-Dimethylphenol	660 ug/kg	ND
Benzoic Acid	3300 ug/kg	ND
bis(2-Chloroethoxy)methane	660 ug/kg	ND
2,4-Dichlorophenol	660 ug/kg	ND
1,2,4-Trichlorobenzene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

301 00239

This report applies only to the sample or samples investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Naphthalene	660 ug/kg	55,500
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	32,600
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	16,600
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	15,100
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	32,400
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	10,100
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

301 00240

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-3

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)


<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Chrysene	660 ug/kg	ND
Di-n-octyl phthalate	660 ug/kg	ND
Benzo(b)fluoranthene	660 ug/kg	ND
Benzo(k)fluoranthene	660 ug/kg	ND
Benzo(a)pyrene	660 ug/kg	ND
Indeno(1,2,3-cd)pyrene	660 ug/kg	ND
Dibenz(a,h)anthracene	660 ug/kg	ND
Benzo(g,h,i)perylene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

*** Detection limits are multiplied by 10X.

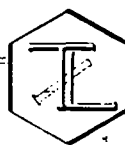
Respectfully submitted,
TRUESDAIL LABORATORIES, INC.


Julia Nayberg
Julia Nayberg, Manager
Inorganic Chemistry

301 00241

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT **Stoney-Miller Consultants, Inc.**
14 Hughes, Suite B101
Irvine, CA 92718
Attention: Gary Carlin

SAMPLE B-8-15'

DATE October 25, 1988
RECEIVED October 17, 1988
LABORATORY NO. 31100-4

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Phenol	660 ug/kg	ND
bis(2-Chloroethyl) ether	660 ug/kg	ND
2-Chlorophenol	600 ug/kg	ND
1,3-Dichlorobenzene	660 ug/kg	ND
1,4-Dichlorobenzene	660 ug/kg	ND
Benzyl Alcohol	1300 ug/kg	ND
1,2-Dichlorobenzene	660 ug/kg	ND
2-Methylphenol	660 ug/kg	ND
bis(2-Chloroisopropyl) ether	660 ug/kg	ND
4-Methylphenol	660 ug/kg	ND
N-Nitroso-Di-N-propylamine	660 ug/kg	ND
Hexachloroethane	660 ug/kg	ND
Nitrobenzene	660 ug/kg	ND
Isophorone	660 ug/kg	ND
2-Nitrophenol	660 ug/kg	ND
2,4-Dimethylphenol	660 ug/kg	ND
Benzoic Acid	3300 ug/kg	ND
bis(2-Chloroethoxy)methane	660 ug/kg	ND
2,4-Dichlorophenol	660 ug/kg	ND
1,2,4-Trichlorobenzene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

301 00242

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TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-4

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Naphthalene	660 ug/kg	ND
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	ND
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	ND
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	ND
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	ND
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	ND
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection Limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

301 00243

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-4


INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Chrysene	660 ug/kg	ND
Di-n-octyl phthalate	660 ug/kg	ND
Benzo(b)fluoranthene	660 ug/kg	ND
Benzo(k)fluoranthene	660 ug/kg	ND
Benzo(a)pyrene	660 ug/kg	ND
Indeno(1,2,3-cd)pyrene	660 ug/kg	ND
Dibenz(a,h)anthracene	660 ug/kg	ND
Benzo(g,h,i)perylene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

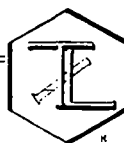


Julia Nayberg
Julia Nayberg, Manager
Inorganic Chemistry

301 · 00244

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRU ELABS

CLIENT **Stoney-Miller Consultants, Inc.**
14 Hughes, Suite B101
Irvine, CA 92718
Attention: Gary Carlin

DATE October 25, 1988

RECEIVED October 17, 1988

SAMPLE B-9-5'

LABORATORY NO. 31100-5

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Phenol	660 ug/kg	ND
bis(2-Chloroethyl) ether	660 ug/kg	ND
2-Chlorophenol	600 ug/kg	ND
1,3-Dichlorobenzene	660 ug/kg	ND
1,4-Dichlorobenzene	660 ug/kg	ND
Benzyl Alcohol	1300 ug/kg	ND
1,2-Dichlorobenzene	660 ug/kg	ND
2-Methylphenol	660 ug/kg	ND
bis(2-Chloroisopropyl) ether	660 ug/kg	ND
4-Methylphenol	660 ug/kg	ND
N-Nitroso-Di-N-propylamine	660 ug/kg	ND
Hexachloroethane	660 ug/kg	ND
Nitrobenzene	660 ug/kg	ND
Isophorone	660 ug/kg	ND
2-Nitrophenol	660 ug/kg	ND
2,4-Dimethylphenol	660 ug/kg	ND
Benzoic Acid	3300 ug/kg	ND
bis(2-Chloroethoxy)methane	660 ug/kg	ND
2,4-Dichlorophenol	660 ug/kg	ND
1,2,4-Trichlorobenzene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

301 00245

This report applies only to the sample or samples investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Naphthalene	660 ug/kg	ND
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	ND
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	ND
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	ND
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	ND
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	ND
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-5

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Chrysene	660 ug/kg	ND
Di-n-octyl phthalate	660 ug/kg	ND
Benzo(b)fluoranthene	660 ug/kg	ND
Benzo(k)fluoranthene	660 ug/kg	ND
Benzo(a)pyrene	660 ug/kg	ND
Indeno(1,2,3-cd)pyrene	660 ug/kg	ND
Dibenz(a,h)anthracene	660 ug/kg	ND
Benzo(g,h,i)perylene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

*** Detection limits are multiplied by 10X.



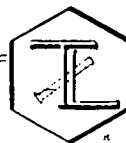
Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Julia Nayberg
Julia Nayberg, Manager
Inorganic Chemistry

301 00247

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT **Stoney-Miller Consultants, Inc.**
14 Hughes, Suite B101
Irvine, CA 92718
Attention: Gary Carlin

DATE October 25, 1988

RECEIVED October 17, 1988

SAMPLE B-9-15'

LABORATORY NO. 31100-6

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Phenol	660 ug/kg	ND
bis(2-Chloroethyl) ether	660 ug/kg	ND
2-Chlorophenol	600 ug/kg	ND
1,3-Dichlorobenzene	660 ug/kg	ND
1,4-Dichlorobenzene	660 ug/kg	ND
Benzyl Alcohol	1300 ug/kg	ND
1,2-Dichlorobenzene	660 ug/kg	ND
2-Methylphenol	660 ug/kg	ND
bis(2-Chloroisopropyl) ether	660 ug/kg	ND
4-Methylphenol	660 ug/kg	ND
N-Nitroso-Di-N-propylamine	660 ug/kg	ND
Hexachloroethane	660 ug/kg	ND
Nitrobenzene	660 ug/kg	ND
Isophorone	660 ug/kg	ND
2-Nitrophenol	660 ug/kg	ND
2,4-Dimethylphenol	660 ug/kg	ND
Benzoic Acid	3300 ug/kg	ND
bis(2-Chloroethoxy)methane	660 ug/kg	ND
2,4-Dichlorophenol	660 ug/kg	ND
1,2,4-Trichlorobenzene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

301 00248

This report applies only to the sample or samples investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-9

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Chrysene	660 ug/kg	ND
Di-n-octyl phthalate	660 ug/kg	ND
Benzo(b)fluoranthene	660 ug/kg	ND
Benzo(k)fluoranthene	660 ug/kg	ND
Benzo(a)pyrene	660 ug/kg	ND
Indeno(1,2,3-cd)pyrene	660 ug/kg	ND
Dibenz(a,h)anthracene	660 ug/kg	ND
Benzo(g,h,i)perylene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.



Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

Julia Nayberg
Julia Nayberg, Manager
Inorganic Chemistry

301 00259

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-6

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Naphthalene	660 ug/kg	ND
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	ND
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	ND
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	ND
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	ND
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	ND
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

301 00249

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-6


INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Chrysene	660 ug/kg	ND
Di-n-octyl phthalate	660 ug/kg	ND
Benzo(b)fluoranthene	660 ug/kg	ND
Benzo(k)fluoranthene	660 ug/kg	ND
Benzo(a)pyrene	660 ug/kg	ND
Indeno(1,2,3-cd)pyrene	660 ug/kg	ND
Dibenz(a,h)anthracene	660 ug/kg	ND
Benzo(g,h,i)perylene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

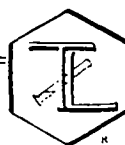
Respectfully submitted,
TRUESDAIL LABORATORIES, INC.


Julia Nayberg
Julia Nayberg, Manager
Inorganic Chemistry

301 00250

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

Stoney-Miller Consultants, Inc.

14 Hughes, Suite B101

CLIENT Irvine, CA 92718

Attention: Gary Carlin

SAMPLE B-10-3'

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRU ELABS
October 25, 1988

DATE

October 17, 1988

RECEIVED

LABORATORY NO. 31100-7

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Phenol	660 ug/kg	ND
bis(2-Chloroethyl) ether	660 ug/kg	ND
2-Chlorophenol	600 ug/kg	ND
1,3-Dichlorobenzene	660 ug/kg	ND
1,4-Dichlorobenzene	660 ug/kg	ND
Benzyl Alcohol	1300 ug/kg	ND
1,2-Dichlorobenzene	660 ug/kg	ND
2-Methylphenol	660 ug/kg	ND
bis(2-Chloroisopropyl) ether	660 ug/kg	ND
4-Methylphenol	660 ug/kg	ND
N-Nitroso-Di-N-propylamine	660 ug/kg	ND
Hexachloroethane	660 ug/kg	ND
Nitrobenzene	660 ug/kg	ND
Isophorone	660 ug/kg	ND
2-Nitrophenol	660 ug/kg	ND
2,4-Dimethylphenol	660 ug/kg	ND
Benzoic Acid	3300 ug/kg	ND
bis(2-Chloroethoxy)methane	660 ug/kg	ND
2,4-Dichlorophenol	660 ug/kg	ND
1,2,4-Trichlorobenzene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

301 00251

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TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-7

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Naphthalene	660 ug/kg	14,400
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	10,500
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	ND
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	ND
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	10,200
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	ND
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

301 00252

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-7

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)


<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Chrysene	660 ug/kg	ND
Di-n-octyl phthalate	660 ug/kg	ND
Benzo(b)fluoranthene	660 ug/kg	ND
Benzo(k)fluoranthene	660 ug/kg	ND
Benzo(a)pyrene	660 ug/kg	ND
Indeno(1,2,3-cd)pyrene	660 ug/kg	ND
Dibenz(a,h)anthracene	660 ug/kg	ND
Benzo(g,h,i)perylene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

*** Detection limits are multiplied by 10X.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

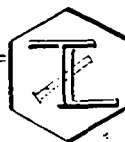


Julia Nayberg
Julia Nayberg, Manager
Inorganic Chemistry

301 00253

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT **Stoney-Miller Consultants, Inc.**
14 Hughes, Suite B101
Irvine, CA 92718
Attention: Gary Carlin

DATE October 25, 1988

RECEIVED October 17, 1988

SAMPLE B-10-10'

LABORATORY NO. 31100-8

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Phenol	660 ug/kg	ND
bis(2-Chloroethyl) ether	660 ug/kg	ND
2-Chlorophenol	600 ug/kg	ND
1,3-Dichlorobenzene	660 ug/kg	ND
1,4-Dichlorobenzene	660 ug/kg	ND
Benzyl Alcohol	1300 ug/kg	ND
1,2-Dichlorobenzene	660 ug/kg	ND
2-Methylphenol	660 ug/kg	ND
bis(2-Chloroisopropyl) ether	660 ug/kg	ND
4-Methylphenol	660 ug/kg	ND
N-Nitroso-Di-N-propylamine	660 ug/kg	ND
Hexachloroethane	660 ug/kg	ND
Nitrobenzene	660 ug/kg	ND
Isophorone	660 ug/kg	ND
2-Nitrophenol	660 ug/kg	ND
2,4-Dimethylphenol	660 ug/kg	ND
Benzoic Acid	3300 ug/kg	ND
bis(2-Chloroethoxy)methane	660 ug/kg	ND
2,4-Dichlorophenol	660 ug/kg	ND
1,2,4-Trichlorobenzene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

301 00254

This report applies only to the sample or samples investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Naphthalene	660 ug/kg	ND
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	ND
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	ND
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	ND
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	ND
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	ND
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

TRUESDAIL LABORATORIES, INC.

LAB NUMBER: 31100-8


INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Chrysene	660 ug/kg	ND
Di-n-octyl phthalate	660 ug/kg	ND
Benzo(b)fluoranthene	660 ug/kg	ND
Benzo(k)fluoranthene	660 ug/kg	ND
Benzo(a)pyrene	660 ug/kg	ND
Indeno(1,2,3-cd)pyrene	660 ug/kg	ND
Dibenz(a,h)anthracene	660 ug/kg	ND
Benzo(g,h,i)perylene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.

Respectfully submitted,
TRUESDAIL LABORATORIES, INC.

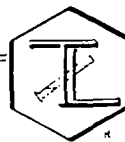


Julia Nayberg
Julia Nayberg, Manager
Inorganic Chemistry

301 . 00256

REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92680
AREA CODE 714 • 730-6239
AREA CODE 213 • 225-1564
CABLE: TRUELABS

CLIENT **Stoney-Miller Consultants, Inc.**
14 Hughes, Suite B101
Irvine, CA 92718
Attention: Gary Carlin

DATE October 25, 1988

RECEIVED October 17, 1988

SAMPLE B-11-8'

LABORATORY NO. 31100-9

INVESTIGATION

Base Neutral Acid Extractables by GC/MS (EPA 8270)

RESULTS

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Phenol	660 ug/kg	ND
bis(2-Chloroethyl) ether	660 ug/kg	ND
2-Chlorophenol	600 ug/kg	ND
1,3-Dichlorobenzene	660 ug/kg	ND
1,4-Dichlorobenzene	660 ug/kg	ND
Benzyl Alcohol	1300 ug/kg	ND
1,2-Dichlorobenzene	660 ug/kg	ND
2-Methylphenol	660 ug/kg	ND
bis(2-Chloroisopropyl) ether	660 ug/kg	ND
4-Methylphenol	660 ug/kg	ND
N-Nitroso-Di-N-propylamine	660 ug/kg	ND
Hexachloroethane	660 ug/kg	ND
Nitrobenzene	660 ug/kg	ND
Isophorone	660 ug/kg	ND
2-Nitrophenol	660 ug/kg	ND
2,4-Dimethylphenol	660 ug/kg	ND
Benzoic Acid	3300 ug/kg	ND
bis(2-Chloroethoxy)methane	660 ug/kg	ND
2,4-Dichlorophenol	660 ug/kg	ND
1,2,4-Trichlorobenzene	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentration of other species present.

** ND = Not detected, below detection limit.

301 00257

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INVESTIGATION: Base Neutrals Acid Extractables by GC/MS (EPA 8270)

<u>Constituent</u>	<u>Approximate Detection Limit*</u>	<u>Concentration (ug/kg)**</u>
Naphthalene	660 ug/kg	ND
4-Chloroaniline	1300 ug/kg	ND
Hexachlorobutadiene	660 ug/kg	ND
4-Chloro-3-methylphenol	1300 ug/kg	ND
2-Methylnaphthalene	660 ug/kg	ND
Hexachlorocyclopentadiene	660 ug/kg	ND
2,4,6-Trichlorophenol	660 ug/kg	ND
2,4,5-Trichlorophenol	660 ug/kg	ND
2-Chloronaphthalene	660 ug/kg	ND
2-Nitroaniline	3300 ug/kg	ND
Dimethyl phthalate	660 ug/kg	ND
Acenaphthylene	660 ug/kg	ND
3-Nitroaniline	3300 ug/kg	ND
Acenaphthene	660 ug/kg	ND
2,4-Dinitrophenol	3300 ug/kg	ND
4-Nitrophenol	3300 ug/kg	ND
Dibenzofuran	660 ug/kg	ND
2,4-Dinitrotoluene	660 ug/kg	ND
2,6-Dinitrotoluene	660 ug/kg	ND
Diethylphthalate	660 ug/kg	ND
4-Chlorophenyl phenyl ether	660 ug/kg	ND
Fluorene	660 ug/kg	ND
4-Nitroaniline	3300 ug/kg	ND
4,6-Dinitro-2-methylphenol	3300 ug/kg	ND
N-Nitrosodiphenylamine	660 ug/kg	ND
4-Bromophenyl phenyl ether	660 ug/kg	ND
Hexachlorobenzene	660 ug/kg	ND
Pentachlorophenol	3300 ug/kg	ND
Phenanthrene	660 ug/kg	ND
Anthracene	660 ug/kg	ND
Di-n-butylphthalate	660 ug/kg	ND
Fluoranthene	660 ug/kg	ND
Pyrene	660 ug/kg	ND
Butyl benzyl phthalate	660 ug/kg	ND
3,3'-Dichlorobenzidine	1300 ug/kg	ND
Benzo(a)anthracene	660 ug/kg	ND
bis(2-ethylhexyl)phthalate	660 ug/kg	ND

* Detection limits may vary with the type of sample and with the concentrations of other species present.

** ND = Not detected, below detection limit.